

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Soro	Gram Panchayat	Manipur

Work Code	OD/346/3309/116321/393726/00074051 (Construction of CC road from incomplete CC road to Sridhar nayak house , Harida Gadhia)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Soro	Proposal Date	29-11-2025
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.	5118
Fund Sanction Amount (in Rs.)	317588

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	<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>	Cum	19.36545175808	1531.163232	29651.667703042

2	<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	21.188257976	6029.9384509	127763.89147707
3	<p style="text-align: center;">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>	Sqm	65.52634396	216.23489289764	14169.081968165

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 specificaion and direction of Engineer-in charge.</p>	Cum	18.335057208	7471.6527903	136993.18134846
5	<p style="text-align: center;">Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and plinth 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 per 100 cum</p>	Cum	4.39193568	179.18208	786.95617036861

6	Road Work (AR1304) : Flank dressing to proper camber and as per direction of Engineer-in-charge. - Flank dressing to proper camber and as per direction of Engineer-in-charge.	Sqm	256.52840875	6.0209032258065	1544.5327237539
Total Amount (in Rs.): 310909.31139086					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	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.	-	19.36545175808	Cum
i	Un-Skilled	0.1236	2.3935698372987	-

2	<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>	-	21.188257976	Cum
i	Skilled	0.18	3.81388643568	-
ii	Un-Skilled	3.9	82.6342061064	-
3	<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>	-	65.52634396	Sqm
i	Semi-Skilled	0.05	3.276317198	-
ii	Skilled	0.05	3.276317198	-

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>	-	18.335057208	Cum
i	Un-Skilled	4.6	84.3412631568	-
ii	Skilled	0.68	12.46783890144	-
5	<p>Earth Work (AR0101aa) : Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum</p>	-	4.39193568	Cum
i	Un-Skilled	0.384	1.68650330112	-

6	Road Work (AR1304) : Flank dressing to proper camber and as per direction of Engineer-in-charge. - Flank dressing to proper camber and as per direction of Engineer-in-charge.	-	256.52840875	Sqm
i	Un-Skilled	0.012903225806452	3.310043983871	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	174.36558638549	462	80556.900910096
2	Skilled	19.55804253512	562	10991.619904737
3	Semi-Skilled	3.276317198	512	1677.474405376
Total: 93225.99522021				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	19.36545175808	Cum
i)	BRM029 : Sand for filling and road blinding	1	19.36545175808	1 Cum

2	<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>	-	21.188257976	Cum
i)	BRM340 : Cement	2.29	48.52111076504	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.17036382848	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	20.34072765696	1 Cum.
3	<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>	-	65.52634396	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1749553383732	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	8.25631933896	1Mtr.

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>	-	18.335057208	Cum
i)	BRM340 : Cement	3.23	59.22223478184	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	8.2507757436	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	16.5015514872	1 Cum.
5	<p>Earth Work (AR0101aa) :.Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and plinth 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 per 100 cum</p>	-	4.39193568	Cum

6	Road Work (AR1304) :.Flank dressing to proper camber and as per direction of Engineer-in-charge. - Flank dressing to proper camber and as per direction of Engineer-in-charge.	-	256.52840875	Sqm
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SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	19.36545175808	1 Cum	1016.65	19687.886529852
2	BRM340	107.74334554688	1 Qntl.	564.365	60806.573209565
3	BRM028	18.42113957208	1 Cum	1021.59	18818.851975441
4	BRM044	20.34072765696	1 Cum.	1375.42	27977.043633936
5	BRM104	0.1749553383732	1Cum.	58573.086	10247.674080693
6	BRM092	8.25631933896	1Mtr.	229.106	1891.5722984718
7	BRM056	16.5015514872	1 Cum.	1776.79	29319.791666942
Total: 168749.3933949					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	19.36545175808	1 Cum	442.25	8564.3710400109
2	BRM028	18.42113957208	1 Cum	442.25	8146.7489757524
3	BRM044	20.34072765696	1 Cum.	552.5	11238.25203047
4	BRM056	16.5015514872	1 Cum.	552.5	9117.107196678
Total: 37066.479242912					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3170	Rs. 3170
2	Display Citizen Board @ Rs. 1500	Rs. 1500
3	Any Other Lumpsum @ Rs. 1420	Rs. 1420
Total Addition Component Amount (in Rs.): 6090		

Total Net Amount (in Rs.): 316999.31139086