

ESTIMATION DPR							
State	Odisha	District	Balasore	Block	Soro	Gram Panchayat	Manipur

Work Code	OD/346/3309/116321/393728/00073269 (Construction of CC road from incomplete CC road to Dinabandhu Panigrahi house ,Dulipada)
Project Category	Road

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

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
1	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	251.0703575	6.0209032258065	1511.6703253761

2	<p style="text-align: center;">Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed -</p> <p>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	19.3238515472	1531.163232	29587.970989699
3	<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 -</p> <p>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>	Cum	4.39193568	179.18208	786.95617036861

4	<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	21.32750584	6029.9384509	128603.54752641
5	<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	67.2431914	216.23489289764	14540.324290475

6	<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 specificaion and direction of Engineer-in charge.</p>	Cum	18.33300424	7471.6527903	136977.84228438
Total Amount (in Rs.): 312008.31158671					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Meaurement Qty)	Unit
1	<p>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.</p>	-	251.0703575	Sqm
i	Un-Skilled	0.012903225806452	3.239617516129	-

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>	-	19.3238515472	Cum
i	Un-Skilled	0.1236	2.3884280512339	-
3	<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
i	Un-Skilled	0.384	1.68650330112	-

4	<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>	-	21.32750584	Cum
	i Skilled	0.18	3.8389510512	-
	ii Un-Skilled	3.9	83.177272776	-
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>	-	67.2431914	Sqm
	i Semi-Skilled	0.05	3.36215957	-
	ii Skilled	0.05	3.36215957	-

6	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.	-	18.33300424	Cum
i	Un-Skilled	4.6	84.331819504	-
ii	Skilled	0.68	12.4664428832	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	174.82364114848	462	80768.522210599
2	Skilled	19.6675535044	562	11053.165069473
3	Semi-Skilled	3.36215957	512	1721.42569984
Total:				93543.112979912

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	251.0703575	Sqm

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.	-	19.3238515472	Cum
i)	BRM029 : Sand for filling and road blinding	1	19.3238515472	1 Cum
3	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	-	4.39193568	Cum
4	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.	-	21.32750584	Cum
i)	BRM340 : Cement	2.29	48.8399883736	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.2372028032	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	20.4744056064	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	-	67.2431914	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.179539321038	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	8.4726421164	1Mtr.
6	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.	-	18.33300424	Cum
i)	BRM340 : Cement	3.23	59.2156036952	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	8.249851908	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	16.499703816	1 Cum.
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	19.3238515472	1 Cum	1016.65	19645.593675461
2	BRM340	108.0555920688	1 Qntl.	564.365	60982.794217908
3	BRM028	18.4870547112	1 Cum	1021.59	18886.190222415
4	BRM044	20.4744056064	1 Cum.	1375.42	28160.906959155
5	BRM104	0.179539321038	1Cum.	58573.086	10516.17209154
6	BRM092	8.4726421164	1Mtr.	229.106	1941.1331447199
7	BRM056	16.499703816	1 Cum.	1776.79	29316.508743231

Total: 169449.29905443

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	19.3238515472	1 Cum	442.25	8545.9733467492
2	BRM028	18.4870547112	1 Cum	442.25	8175.8999460282
3	BRM044	20.4744056064	1 Cum.	552.5	11312.109097536
4	BRM056	16.499703816	1 Cum.	552.5	9116.08635834

Total: 37150.068748653

ADDITION COMPONENT

Sl.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. 909	Rs. 909

Total Addition Component Amount (in Rs.): 5579

Total Net Amount (in Rs.): 317587.31158671