

ESTIMATION DPR							
State	Odisha	District	Balasure	Block	Soro	Gram Panchayat	Manipur

Work Code	OD/346/3309/116321/393729/00074045 (Construction of CC road from Mausli Badi to Barik Sahi, Chingidi Gadhia)
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.)	317000

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	19.46591976448	1559.039232	30348.132599789

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	21.122067456	6075.6914307	128331.16424109
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	64.09563776	216.23489289764	13859.71336624

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	18.39459328	7511.9447809	138179.16898647
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	4.186355712	179.18208	750.11992409604

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	250.8381	6.0209032258065	1510.2719254452
Total Amount (in Rs.): 312978.57104313					

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.	-	19.46591976448	Cum
i	Un-Skilled	0.1236	2.4059876828897	-

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>	-	21.122067456	Cum
i	Skilled	0.18	3.80197214208	-
ii	Un-Skilled	3.9	82.3760630784	-
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>	-	64.09563776	Sqm
i	Semi-Skilled	0.05	3.204781888	-
ii	Skilled	0.05	3.204781888	-

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>	-	18.39459328	Cum
i	Un-Skilled	4.6	84.615129088	-
ii	Skilled	0.68	12.5083234304	-
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>	-	4.186355712	Cum
i	Un-Skilled	0.384	1.607560593408	-

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.	-	250.8381	Sqm
i	Un-Skilled	0.012903225806452	3.2366206451613	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	174.24136108786	462	80499.508822591
2	Skilled	19.51507746048	562	10967.47353279
3	Semi-Skilled	3.204781888	512	1640.848326656
Total: 93107.830682037				

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.	-	19.46591976448	Cum
i)	BRM029 : Sand for filling and road blinding	1	19.46591976448	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>	-	21.122067456	Cum
i)	BRM340 : Cement	2.29	48.36953447424	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.13859237888	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	20.27718475776	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>	-	64.09563776	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1711353528192	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	8.07605035776	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 specificaion and direction of Engineer-in charge.</p>	-	18.39459328	Cum
i)	BRM340 : Cement	3.23	59.4145362944	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	8.277566976	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	16.555133952	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>	-	4.186355712	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.	-	250.8381	Sqm
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SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	19.46591976448	1 Cum	1044.25	20327.286714058
2	BRM340	107.78407076864	1 Qntl.	561.987	60573.246579056
3	BRM028	18.41615935488	1 Cum	1049.19	19322.050233547
4	BRM044	20.27718475776	1 Cum.	1414.48	28681.672296156
5	BRM104	0.1711353528192	1Cum.	58573.086	10023.925738319
6	BRM092	8.07605035776	1Mtr.	229.106	1850.271593265
7	BRM056	16.555133952	1 Cum.	1815.85	30061.639986739
Total: 170840.09314114					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	19.46591976448	1 Cum	442.25	8608.8030158413
2	BRM028	18.41615935488	1 Cum	442.25	8144.5464746957
3	BRM044	20.27718475776	1 Cum.	552.5	11203.144578662
4	BRM056	16.555133952	1 Cum.	552.5	9146.71150848
Total: 37103.205577679					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3171	Rs. 3171
2	Display Citizen Board @ Rs. 850	Rs. 850
Total Addition Component Amount (in Rs.): 4021		

Total Net Amount (in Rs.): 316999.57104313