

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Titlagarh	Gram Panchayat	Kuskela

Work Code	OD/345/3296/116015/421450/00100493 (Const of Metal Moorum road from Kuskela To Nadi Khandi Road)						
Project Category	Road						

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Titlagarh	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	Mettalling 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.	986
Fund Sanction Amount (in Rs.)	447036

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;">Road Work (AR1308) : moorum and sand admixture laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR - Supplying & spreading moorum and sand admixture in a ratio (70:30) laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	Cum	153.75	1032.1452380512	158692.33035037
2	<p style="text-align: center;">Road Work (AR1306) : Labour for admixture of sand and moorum - Labour for admixture of sand and moorum including labour cost, for work as per specification and direction of Engineer-in-Charge.</p>	Cum	64.575	116.655	7532.996625

3	<p style="text-align: center;">Road Work (AR1341a) : Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam -</p> <p>Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).</p>	Cum	123	2131.1111661111	262126.67343167
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Total Amount (in Rs.): 428352.00040704

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p>Road Work (AR1308) : moorum and sand admixture laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR - Supplying & spreading moorum and sand admixture in a ratio (70:30) laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	-	153.75	Cum
i	Un-Skilled	1.1333922261484	174.25905477032	-
2	<p>Road Work (AR1306) : Labour for admixture of sand and moorum - Labour for admixture of sand and moorum including labour cost, for work as per specification and direction of Engineer-in-Charge.</p>	-	64.575	Cum
i	Un-Skilled	0.25	16.14375	-

3	Road Work (AR1341a) : Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).	-	123	Cum
i	Un-Skilled	0.6944444444444444	85.4166666666667	-
ii	Skilled	0.0055555555555556	0.683333333333333	-
iii	Semi-Skilled	0.028	3.444	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	275.81947143698	462	127428.59580389
2	Skilled	0.683333333333333	562	384.033333333333
3	Semi-Skilled	3.444	512	1763.328

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Road Work (AR1308) :.moorum and sand admixture laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR - Supplying & spreading moorum and sand admixture in a ratio (70:30) laying in sub-base in layers not exceeding 100mm watering and compacting to the required density in O.M.C with PRR including cost, conveyance, royalty, taxes cost of all labour & material, hire charges of T & P materials required for work as per specification and complete as per direction of Engineer-in-Charge.	-	153.75	Cum
i)	BRM025 : Gravel or moorum	0.89578798586572	137.72740282686	1 Cum
ii)	BRM029 : Sand for filling and road blinding	0.384	59.04	1 Cum
2	Road Work (AR1306) :.Labour for admixture of sand and moorum - Labour for admixture of sand and moorum including labour cost, for work as per specification and direction of Engineer-in-Charge.	-	64.575	Cum

3	Road Work (AR1341a) :.Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per Clause 404 of MoRT&H Specifications for Road & Bridge works(Last Revision).	-	123	Cum
i)	BRMMR0037 : Cost of water	0.4	49.2	KL
ii)	BRM025 : Gravel or moorum	0.3	36.9	1 Cum
iii)	BRM075 : I.R.C. Grade I (90mm-45 mm.)	1.21	148.83	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM025	174.62740282686	1 Cum	336.01	58676.553623852
2	BRM029	59.04	1 Cum	347.95	20542.968
3	BRMMR0037	49.2	KL	10	492
4	BRM075	148.83	1 Cum.	1146.05	170566.6215
Total: 250278.14312385					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM025	174.62740282686	1 Cum	40.25	7028.7529637809
2	BRM029	59.04	1 Cum	46.25	2730.6
3	BRM075	148.83	1 Cum.	157.5	23440.725

Total: 33200.077963781

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 4470	Rs. 4470
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 9213	Rs. 9213
		Total Addition Component Amount (in Rs.): 18683

Total Net Amount (in Rs.): 447035.00040704