

ESTIMATION DPR							
<b>State</b>	Odisha	<b>District</b>	Balangir	<b>Block</b>	Titlagarh	<b>Gram Panchayat</b>	Bhalegaon

<b>Work Code</b>	OD/345/3296/116006/421579/00100637 (CONSTRUCTION OF METAL MOORUM ROAD FROM BHALEGAON RD ROAD TO MEGA POINT)						
<b>Project Category</b>	Road						

<b>Financial Year</b>	2025-26	<b>Execution Level</b>	PS
<b>Executing Agency</b>	Panchayat Samiti, Titlagarh	<b>Proposal Date</b>	-
<b>Date of Commencement</b>	-	<b>Date of Completion</b>	
<b>Scheme Name</b>	Bikashita Gaon Bikashita Odisha	<b>Scheme Component Name</b>	Viksit Gaon Vikshit Odisha (VGVO)
<b>Project Sub-Category</b>	Mettalling Road	<b>Project Type</b>	New Work
<b>Name of Executant</b>			

### Administrative Approval Details

<b>Approval No.</b>	
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### Technical Sanction Details

<b>Technical Sanction No.</b>	OD/345/3296/116006/421579/00100637/TS
<b>Fund Sanction No.</b>	986
<b>Fund Sanction Amount (in Rs.)</b>	328762

### 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;"><b>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 -</b> Supplying &amp; 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 &amp; material, hire charges of T &amp; P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	Cum	143.9925	1039.5122708428	149681.97065933
2	<p style="text-align: center;"><b>Road Work (AR1306) : Labour for admixture of sand and moorum -</b> Labour for admixture of sand and moorum including labour cost, for work as per specification and direction of Engineer-in-Charge.</p>	Cum	143.9925	116.655	16797.4450875

3	<p style="text-align: center;"><b>Road Work (AR1341a) : Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam -</b></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&amp;H Specifications for Road &amp; Bridge works(Last Revision).</p>	Cum	71.99625	2135.0602661111	153716.332684
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**Total Amount (in Rs.): 320195.74843083**

### LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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1	<p><b>Road Work (AR1308)</b>  <b>: 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 -</b>  Supplying &amp; 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 &amp; material, hire charges of T &amp; P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	-	143.9925	Cum
i	Un-Skilled	1.1333922261484	163.19998012367	-
2	<p><b>Road Work (AR1306)</b>  <b>: Labour for admixture of sand and moorum -</b> Labour for admixture of sand and moorum including labour cost, for work as per specification and direction of Engineer-in-Charge.</p>	-	143.9925	Cum
i	Un-Skilled	0.25	35.998125	-

3	<b>Road Work (AR1341a) : Providing, laying, spreading and compacting Grading-I stone aggregates of specific sizes using moorum or gravel to water bound macadam -</b> 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).	-	71.99625	Cum
i	Un-Skilled	0.6944444444444444	49.9973958333333	-
ii	Skilled	0.00555555555555556	0.399979166666667	-
iii	Semi-Skilled	0.028	2.015895	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
1	Un-Skilled	249.19550095701	462	115128.32144214
2	Skilled	0.399979166666667	562	224.788291666667
3	Semi-Skilled	2.015895	512	1032.13824

## MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	<p><b>Road Work (AR1308)</b>            :.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 &amp; 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 &amp; material, hire charges of T &amp; P materials required for work as per specification and complete as per direction of Engineer-in-Charge.</p>	-	143.9925	Cum
i)	<b>BRM025</b> : Gravel or moorum	0.89578798586572	128.98675155477	1 Cum
ii)	<b>BRM029</b> : Sand for filling and road blinding	0.384	55.29312	1 Cum
2	<p><b>Road Work (AR1306)</b>            :.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>	-	143.9925	Cum

3	<b>Road Work (AR1341a)</b> :.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).	-	71.99625	Cum
i)	<b>BRMMR0037</b> : Cost of water	0.4	28.7985	KL
ii)	<b>BRM025</b> : Gravel or moorum	0.3	21.598875	1 Cum
iii)	<b>BRM075</b> : I.R.C. Grade I (90mm-45 mm.)	1.21	87.1154625	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM025</b>	150.58562655477	1 Cum	336.01	50598.276378668
2	<b>BRM029</b>	55.29312	1 Cum	347.95	19239.241104
3	<b>BRMMR0037</b>	28.7985	KL	10	287.985
4	<b>BRM075</b>	87.1154625	1 Cum.	1146.05	99838.675798125
<b>Total: 169964.17828079</b>					

## ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	<b>BRM025</b>	150.58562655477	1 Cum	49.25	7416.3421078224
2	<b>BRM029</b>	55.29312	1 Cum	44.25	2446.72056
3	<b>BRM075</b>	87.1154625	1 Cum.	158.5	13807.80080625

Total: 23670.863474072

#### ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3000	Rs. 3000
2	Display Citizen Board @ Rs. 5000	Rs. 5000
3	Any Other Lumpsum @ Rs. 566	Rs. 566
		<b>Total Addition Component Amount (in Rs.): 8566</b>

**Total Net Amount (in Rs.): 328761.74843083**