

ESTIMATION DPR							
State	Odisha	District	Cuttack	Block	Mahanga	Gram Panchayat	Kuhunda

Work Code	OD/350/3339/117001/399490/00066635 (Metal & Moorum road from Kuhunda dandi to Naga tota road)						
Project Category	Road						

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Mahanga	Proposal Date	-
Date of Commencement	05-12-2025	Date of Completion	24-12-2025
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	Mettalling Road	Project Type	Upgradation or Improvement
Name of Executant	JAGANNATH PRASADA BARIK		

Administrative Approval Details

Approval No.	OD/350/3339/117001/399490/00066635/AS
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Technical Sanction Details

Technical Sanction No.	OD/350/3339/117001/399490/00066635/TS
Fund Sanction No.	9122
Fund Sanction Amount (in Rs.)	143704

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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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>	Cum	31.923227648	2546.446525476	54290.10955066
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>	Cum	31.923227648	116.655	54290.10955066

3	Road Work (AR1309) : metal and packing the voids with small stones and hand packing the same to proper camber - Supplying & spreading metal and packing the voids with small stones and hand packing the same to proper camber including conveying spreading of moorum and filling the interstices by spreading the same over the surface, watering, and consolidation 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 direction of Engineer-in-Charge.(To be used for minor repair works only) (Complete thickness 75mm)	Cum	25.32371424	2143.8446602318	54290.10955066
Total Amount (in Rs.): 139304.90579817					

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>	-	31.923227648	Cum
i	Un-Skilled	1.1333922261484	36.181538049809	-
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>	-	31.923227648	Cum
i	Un-Skilled	0.25	7.980806912	-

3	Road Work (AR1309) : metal and packing the voids with small stones and hand packing the same to proper camber - Supplying & spreading metal and packing the voids with small stones and hand packing the same to proper camber including conveying spreading of moorum and filling the interstices by spreading the same over the surface, watering, and consolidation 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 direction of Engineer-in-Charge.(To be used for minor repair works only) (Complete thickness 75mm)	-	25.32371424	Cum
i	Un-Skilled	1.4134275618375	35.793235674912	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	79.955580636721	462	36939.478254165
Total: 36939.478254165				

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement 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>	-	31.923227648	Cum
i)	BRM025 : Gravel or moorum	0.89578798586572	28.596443797135	1 Cum
ii)	BRM029 : Sand for filling and road blinding	0.384	12.258519416832	1 Cum
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>	-	31.923227648	Cum

3	Road Work (AR1309) :.metal and packing the voids with small stones and hand packing the same to proper camber - Supplying & spreading metal and packing the voids with small stones and hand packing the same to proper camber including conveying spreading of moorum and filling the interstices by spreading the same over the surface, watering, and consolidation 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 direction of Engineer-in-Charge.(To be used for minor repair works only) (Complete thickness 75mm)	-	25.32371424	Cum
i)	BRM025 : Gravel or moorum	0.29328621908127	7.4270964025442	1 Cum
ii)	BRM076 : I.R.C. Grade II (63mm. to 45mm.)	1.21	30.6416942304	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM025	36.023540199679	1 Cum	745.51	26855.909454263
2	BRM029	12.258519416832	1 Cum	647.41	7936.2880556512
3	BRM076	30.6416942304	1 Cum.	870	26658.273980448
Total: 61450.471490362					

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement 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>	-	31.923227648	Cum
i)	BRM025 : Gravel or moorum	0.89578798586572	28.596443797135	1 Cum
ii)	BRM029 : Sand for filling and road blinding	0.384	12.258519416832	1 Cum
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>	-	31.923227648	Cum

3	Road Work (AR1309) :.metal and packing the voids with small stones and hand packing the same to proper camber - Supplying & spreading metal and packing the voids with small stones and hand packing the same to proper camber including conveying spreading of moorum and filling the interstices by spreading the same over the surface, watering, and consolidation 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 direction of Engineer-in-Charge.(To be used for minor repair works only) (Complete thickness 75mm)	-	25.32371424	Cum
i)	BRM025 : Gravel or moorum	0.29328621908127	7.4270964025442	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM025	36.023540199679	1 Cum	1161	41823.330171827
2	BRM029	12.258519416832	1 Cum	81.5	999.06933247181
Total: 42822.399504299					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1437	Rs. 1437
2	Display Citizen Board @ Rs. 1525	Rs. 1525
3	Any Other Lumpsum @ Rs. 1437	Rs. 1437
Total Addition Component Amount (in Rs.): 4399		

Total Net Amount (in Rs.): 143703.90579817