

ESTIMATION DPR							
State	Odisha	District	Bargarh	Block	Bhatli	Gram Panchayat	Kelendapali

Work Code	OD/347/3314/116425/380680/00066293 (IMP OF ROAD WITH GR-II METAL FROM KENDUGUDIA TO RD ROAD)
Project Category	Road

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Bhatli	Proposal Date	-
Date of Commencement	03-12-2025	Date of Completion	24-12-2025
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance and improvement of Road infrastructure
Project Sub-Category	Mettalling Road	Project Type	Repair and Maintenance
Name of Executant	Krushna Chandra Kisan		

Administrative Approval Details

Approval No.	OD/347/3314/116425/380680/00066293/AS
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Technical Sanction Details

Technical Sanction No.	OD/347/3314/116425/380680/00066293/TS
Fund Sanction No.	9114
Fund Sanction Amount (in Rs.)	457216

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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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.	Cum	113.4	1241.8853504244	310409.3774124
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2	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).	Cum	113.4	2737.2960971111	310409.3774124
Total Amount (in Rs.): 451239.17615053					

LABOUR STATEMENT

Sl.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
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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.	-	113.4	Cum
i	Un-Skilled	1.1333922261484	128.52667844523	-

2	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).	-	113.4	Cum
i	Un-Skilled	0.6944444444444444	78.75	-
ii	Skilled	0.0055555555555556	0.63	-
iii	Semi-Skilled	0.028	3.1752	-

Sl.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	207.27667844523	462	95761.825441696
1	Skilled	0.63	562	354.06
2	Semi-Skilled	3.1752	512	1625.7024

MATERIAL STATEMENT

Sl.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.	-	113.4	Cum
i)	BRM025 : Gravel or moorum	0.89578798586572	101.58235759717	1 Cum
ii)	BRM029 : Sand for filling and road blinding	0.384	43.5456	1 Cum

2	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).	-	113.4	Cum
i)	BRMMR0037 : Cost of water	0.4	45.36	KL
ii)	BRM025 : Gravel or moorum	0.3	34.02	1 Cum
iii)	BRM075 : I.R.C. Grade I (90mm-45 mm.)	1.21	137.214	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM025	135.60235759717	1 Cum	338.09	45845.801080028
2	BRM029	43.5456	1 Cum	531.61	23149.276416
3	BRMMR0037	45.36	KL	10	453.6
4	BRM075	137.214	1 Cum.	1524.76	209218.41864
Total: 278667.09613603					

ROYALTY STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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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.	-	113.4	Cum
i)	BRM025 : Gravel or moorum	0.89578798586572	101.58235759717	1 Cum
ii)	BRM029 : Sand for filling and road blinding	0.384	43.5456	1 Cum

2	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).	-	113.4	Cum
i)	BRM025 : Gravel or moorum	0.3	34.02	1 Cum
ii)	BRM075 : I.R.C. Grade I (90mm-45 mm.)	1.21	137.214	1 Cum.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM025	135.60235759717	1 Cum	140.25	19018.230653004
2	BRM029	43.5456	1 Cum	165.25	7195.9104
3	BRM075	137.214	1 Cum.	249.5	34234.893
Total: 60449.034053004					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 2976.5	Rs. 2976.5
2	Display Citizen Board @ Rs. 3000	Rs. 3000
Total Addition Component Amount (in Rs.): 5976.5		

Total Net Amount (in Rs.): 457215.67615053