

ESTIMATION DPR							
State	Odisha	District	Bargarh	Block	Bhatli	Gram Panchayat	Hatisar

Work Code	OD/347/3314/116423/380711/00030012 (Imp. Of Road With Gr. II Metalling From Barpadar To RD Road)						
Project Category	Road						

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Bhatli	Proposal Date	-
Date of Commencement	27-10-2025	Date of Completion	-
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	Sanjib Majhi		

Administrative Approval Details

Approval No.	OD/347/3314/116423/380711/00030012/AS
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Technical Sanction Details

Technical Sanction No.	OD/347/3314/116423/380711/00030012/TS
Fund Sanction No.	11827
Fund Sanction Amount (in Rs.)	300608

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	97.82	1231.7859968244	174102.17816018
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2	<p>Road Work (AR1341c) : Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-II 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	97.82	1779.821899	174102.17816018
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Total Amount (in Rs.): 294595.48436954

LABOUR STATEMENT

SI.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.	-	97.82	Cum
i	Un-Skilled	1.1333922261484	110.86842756184	-

2	Road Work (AR1341c) : Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-II 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).	-	97.82	Cum
i	Un-Skilled	0.6944444444444444	67.93055555555556	-
ii	Skilled	0.0055555555555556	0.5434444444444444	-
iii	Semi-Skilled	0.028	2.73896	-

SI.No.	Labour Type	Qty Unit	Rate	Amount
0	Un-Skilled	178.79898311739	462	82605.130200236
1	Skilled	0.5434444444444444	562	305.41577777778
2	Semi-Skilled	2.73896	512	1402.34752

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.	-	97.82	Cum
i)	BRM025 : Gravel or moorum	0.89578798586572	87.625980777385	1 Cum
ii)	BRM029 : Sand for filling and road blinding	0.384	37.56288	1 Cum

2	Road Work (AR1341c) :.Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-II 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).	-	97.82	Cum
i)	BRMMR0037 : Cost of water	0.4	39.128	KL
ii)	BRM076 : I.R.C. Grade II (63mm. to 45mm.)	1.21	118.3622	1 Cum.
iii)	BRM025 : Gravel or moorum	0.293305555555556	28.6911494444444	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM025	116.31713022183	1 Cum	338.09	39325.658556698
2	BRM029	37.56288	1 Cum	505.57	18990.6652416
3	BRMMR0037	39.128	KL	10	391.28
4	BRM076	118.3622	1 Cum.	889.29	105258.320838
Total: 163965.9246363					

ROYALTY STATEMENT

SI.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.	-	97.82	Cum
i)	BRM025 : Gravel or moorum	0.89578798586572	87.625980777385	1 Cum
ii)	BRM029 : Sand for filling and road blinding	0.384	37.56288	1 Cum

2	Road Work (AR1341c) ∴.Providing, laying, spreading and compacting Grading-II stone aggregates of specific sizes using moorum or gravel to water bound macadam - Providing, laying, spreading and compacting Grading-II 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).	-	97.82	Cum
i)	BRM025 : Gravel or moorum	0.29330555555556	28.691149444444	1 Cum

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM025	116.31713022183	1 Cum	140.25	16313.477513612
2	BRM029	37.56288	1 Cum	165.25	6207.26592
Total: 22520.743433612					

ADDITION COMPONENT

SI.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 3006	Rs. 3006
2	Display Citizen Board @ Rs. 3006.5	Rs. 3006.5
Total Addition Component Amount (in Rs.): 6012.5		

Total Net Amount (in Rs.): 300607.98436954