

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Rengali	Gram Panchayat	Tabadabahal

Work Code	OD/371/3566/121423/381721/00026739 (Imp. of Road with CC/ Gr-II Metalling from Kudamunda Kata to School)
Project Category	Road

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Rengali	Proposal Date	-
Date of Commencement	05-08-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance and improvement of Road infrastructure
Project Sub-Category	Mettalling Road	Project Type	Upgradation or Improvement
Name of Executant	Subhalaxmi Behera		

Administrative Approval Details

Approval No.	OD/371/3566/121423/381721/00026739/AS
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Technical Sanction Details

Technical Sanction No.	OD/371/3566/121423/381721/00026739/TS
Fund Sanction No.	1130
Fund Sanction Amount (in Rs.)	784512

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Road Work (AR1307) ∴ Supplying & spreading moorum and consolidation with HRR - Supplying & spreading moorum and consolidation with HRR 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.	-	195.952256	Cum
i)	BRM025 : Gravel or moorum	1.28	250.81888768	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).	-	112.134528	Cum
i)	BRMMR0037 : Cost of water	0.4	44.8538112	KL
ii)	BRM025 : Gravel or moorum	0.3	33.6403584	1 Cum
iii)	BRM075 : I.R.C. Grade I (90mm-45 mm.)	1.21	135.68277888	1 Cum.

3	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.	-	333.005568	Cum
i)	BRM025 : Gravel or moorum	0.89578798586572	298.30238704079	1 Cum
ii)	BRM029 : Sand for filling and road blinding	0.384	127.874138112	1 Cum

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM025	582.76163312079	1 Cum	338.01	196979.25961116
2	BRMMR0037	44.8538112	KL	10	448.538112
3	BRM075	135.68277888	1 Cum.	1074.01	145724.66134491
4	BRM029	127.874138112	1 Cum	346.01	44245.730528133
Total: 387398.1895962					