

ESTIMATION DPR							
State	Odisha	District	Malkangiri	Block	Mathili	Gram Panchayat	Bhejaguda

Work Code	OD/364/3485/120009/430149/00039360 (Impvt. Of Road from Pulapalli-2 To Tingaliguda)
Project Category	Road

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Mathili	Proposal Date	-
Date of Commencement	24-07-2025	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	Gouro Machha		

Administrative Approval Details

Approval No.	OD/364/3485/120009/430149/00039360/AS
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Technical Sanction Details

Technical Sanction No.	OD/364/3485/120009/430149/00039360/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	300000

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0122Bii) ∴.Earthwork in hard soil or gravelly soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in hard soil or gravelly soil within 5 Km.mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.	-	41.4	Cum

i)	BRMM402 : Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading).	-0.6666	-27.59724	1 Cum
ii)	BRMM401 : Conveyance of material by 10 ton trucks within 5 KM including loading and unloading	1	41.4	1 Cum
2	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.	-	91.08	Cum
i)	BRM025 : Gravel or moorum	0.89578798586572	81.58836975265	1 Cum
ii)	BRM029 : Sand for filling and road blinding	0.384	34.97472	1 Cum

3	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).	-	44.16	Cum
i)	BRMMR0037 : Cost of water	0.4	17.664	KL
ii)	BRM025 : Gravel or moorum	0.3	13.248	1 Cum
iii)	BRM075 : I.R.C. Grade I (90mm-45 mm.)	1.21	53.4336	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRMM402	-27.59724	1 Cum	175.38	-4840.0039512
2	BRMM401	41.4	1 Cum	276.01	11426.814
3	BRM025	94.83636975265	1 Cum	667.39	63292.844809221
4	BRM029	34.97472	1 Cum	738.55	25830.579456
5	BRMMR0037	17.664	KL	10	176.64
6	BRM075	53.4336	1 Cum.	1651.91	88267.498176
Total: 184154.37249002					