

ESTIMATION DPR

State	Odisha	District	Deogarh	Block	Tileibani	Gram Panchayat	Kansar
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Work Code	OD/351/3348/117229/383295/00051537 (Const of CD Works with road from terendakata to kashipada)
Project Category	Road

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Tileibani	Proposal Date	-
Date of Commencement	06-09-2025	Date of Completion	23-09-2025
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance and improvement of Road infrastructure
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant	MANORANJAN BEHERA		

Administrative Approval Details

Approval No.	OD/351/3348/117229/383295/00051537/AS
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Technical Sanction Details

Technical Sanction No.	OD/351/3348/117229/383295/00051537/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	653680

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge	-	7.285	Cum

2	Earth Work (AR0115) :.Filling foundation and plinth with sand well watered and rammed - Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.	-	20.76225	Cum
i)	BRM029 : Sand for filling and road blinding	1	20.76225	1 Cum
3	Concrete (AR0303) :.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal - Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.	-	70.49	Cum
i)	BRM340 : Cement	2.29	161.4221	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	33.8352	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	67.6704	1 Cum.

4	Concrete (AR0307) :.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum - Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.	-	27.4255	Cum
i)	BRM340 : Cement	3.23	88.584365	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	12.341475	1 Cum
iii)	BRM056 : Granite Stone broken chips 12mm. size (Minimum 65% by Wt. Passing through 13.2mm sieve & retained on 9.50mm sieve but whole should pass through 19mm sieve) (Crusher broken)	0.9	24.68295	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	20.76225	1 Cum	331.46	6881.855385
2	BRM340	250.006465	1 Qntl.	589.737	147438.0626497
3	BRM028	46.176675	1 Cum	925.41	42732.35681175
4	BRM044	67.6704	1 Cum.	1596.76	108053.387904
5	BRM056	24.68295	1 Cum.	1998.13	49319.7428835
Total: 354425.40563395					