

ESTIMATION DPR							
State	Odisha	District	Kalahandi	Block	Kesinga	Gram Panchayat	Belakhandi

Work Code	OD/358/3416/118744/422273/00022788 (Const. of CC Road of Choudhurypada Gali at Sahajpati Talbhanra)
Project Category	Road

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Kesinga	Proposal Date	31-12-2024
Date of Commencement	25-10-2025	Date of Completion	27-10-2025
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	TRILOCHAN BEHERA		

Administrative Approval Details

Approval No.	OD/358/3416/118744/422273/00022788/AS
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Technical Sanction Details

Technical Sanction No.	OD/358/3416/118744/422273/00022788/TS
Fund Sanction No.	31142
Fund Sanction Amount (in Rs.)	200000

ROYALTY 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	-	3.2292	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.	-	19.1204	Cum
i)	BRM029 : Sand for filling and road blinding	1	19.1204	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.	-	20.1968	Cum
i)	BRM340 : Cement	2.29	46.250672	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	9.694464	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	19.388928	1 Cum.

4	R.C.C. Work (AR0403A) :.Reinforced cement concrete work of M-15 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-15 grade with 20mm & down grade size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (excluding centring and shuttering)	-	12.2596	Cum
i)	BRM340 : Cement	2.8	34.32688	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	5.51682	1 Cum
iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	4.413456	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	6.620184	1 Cum.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	19.1204	1 Cum	42.25	807.8369
2	BRM028	15.211284	1 Cum	42.25	642.676749
3	BRM044	19.388928	1 Cum.	252.5	4895.70432
4	BRM060	4.413456	1 Cum.	252.5	1114.39764
5	BRM052	6.620184	1 Cum.	252.5	1671.59646
					Total: 9132.212069