

ESTIMATION DPR							
State	Odisha	District	Cuttack	Block	Niali	Gram Panchayat	Krushnaprasad

Work Code	OD/350/3341/117063/400381/00030392 (Improvement Of Road From Nuabetenda Mishra Sahi Bridge To Belabana Matha , Betenda)
Project Category	Road

Financial Year	2023-24	Execution Level	PS
Executing Agency	Panchayat Samiti, Niali	Proposal Date	-
Date of Commencement	15-01-2026	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	CC Road	Project Type	Upgradation or Improvement
Name of Executant	PRITI CHANDRIKA SAMAL		

Administrative Approval Details

Approval No.	OD/350/3341/117063/400381/00030392/AS
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Technical Sanction Details

Technical Sanction No.	OD/350/3341/117063/400381/00030392/TS
Fund Sanction No.	974
Fund Sanction Amount (in Rs.)	500000

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	-	12.7875	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.	-	30.69	Cum
i)	BRM029 : Sand for filling and road blinding	1	30.69	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.	-	38.3625	Cum
i)	BRM340 : Cement	2.29	87.850125	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	18.414	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	36.828	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.	-	30.69	Cum
i)	BRM340 : Cement	3.23	99.1287	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	13.8105	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	27.621	1 Cum.

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	30.69	1 Cum	75.25	2309.4225
2	BRM028	32.2245	1 Cum	75.25	2424.893625
3	BRM044	36.828	1 Cum.	279.5	10293.426
4	BRM056	27.621	1 Cum.	279.5	7720.0695
Total:					22747.811625