

ESTIMATION DPR

State	Odisha	District	Cuttack	Block	Niali	Gram Panchayat	Ratnapur
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Work Code	OD/350/3341/117071/400368/00060287 (Construction of CC Road from Banamalipur Mallick Sahi culvert to Bijaya Das house)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Niali	Proposal Date	-
Date of Commencement	11-03-2026	Date of Completion	03-04-2026
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	Diptiranjita Sahoo		

Administrative Approval Details

Approval No.	OD/350/3341/117071/400368/00060287/AS
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Technical Sanction Details

Technical Sanction No.	OD/350/3341/117071/400368/00060287/TS
Fund Sanction No.	3004
Fund Sanction Amount (in Rs.)	500000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	5.475	Cum
i)	BRM029 : Sand for filling and road blinding	1	5.475	1 Cum

2	<p>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.</p>	-	9.125	Cum
i)	BRM340 : Cement	2.29	20.89625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	4.38	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	8.76	1 Cum.
3	<p>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.</p>	-	54.75	Cum
i)	BRM340 : Cement	3.23	176.8425	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	24.6375	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	49.275	1 Cum.
4	R.C.C. Work (AR0410c) :-R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc - Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc	-	18	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.04806	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	2.268	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	5.475	1 Cum	543.25	2974.29375
2	BRM340	197.73875	1 Qntl.	569.712	112654.13874
3	BRM028	29.0175	1 Cum	548.19	15907.103325
4	BRM044	8.76	1 Cum.	2176.31	19064.4756
5	BRM056	49.275	1 Cum.	2604.91	128356.94025
6	BRM104	0.04806	1Cum.	58620.646	2817.30824676
7	BRM092	2.268	1Mtr.	276.666	627.478488

Total: 282401.73839976