

ESTIMATION DPR							
State	Odisha	District	Gajapati	Block	Nuagada	Gram Panchayat	Luhangar

Work Code	OD/353/3361/117527/414202/00039200 (Improvement of road from Tarmangada to udasing via Muri)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Nuagada	Proposal Date	-
Date of Commencement	23-07-2025	Date of Completion	01-08-2025
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	Amit Digal		

Administrative Approval Details

Approval No.	OD/353/3361/117527/414202/00039200/AS
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Technical Sanction Details

Technical Sanction No.	OD/353/3361/117527/414202/00039200/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	150000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
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1	<p>Earth Work (AR0103a) :.Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift - Earth work in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department</p>	-	13.7193	Cum
2	<p>Concrete (AR0303a) :.Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal - Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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>	-	9.8868	Cum
i)	BRM340 : Cement	2.29	22.640772	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	4.745664	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	9.491328	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>	-	7.665	Cum
i)	BRM340 : Cement	3.23	24.75795	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.44925	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	6.8985	1 Cum.
4	<p>R.C.C. Work (AR0410L) :.Rigid and smooth centering and shuttering for R.C.C. works (R.C.C. beams for bridges upto 15m span and height upto 5m) - 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. beams for bridges upto 15m span and height upto 5m)</p>	-	12.6	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.0064880952380952	0.08175	1Cum.
ii)	BRM084 : Sal bullahs 75mm. to 120mm. mean dia up to 5.5m. long.	0.69047619047619	8.7	1Mtr

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM340	47.398722	1 Qntl.	801.567	37993.251397374
2	BRM028	8.194914	1 Cum	808.59	6626.32551126
3	BRM045	9.491328	1 Cum.	1128.47	10710.67890816
4	BRM056	6.8985	1 Cum.	2128.33	14682.284505
5	BRM104	0.08175	1Cum.	58592.11	4789.9049925
6	BRM084	8.7	1Mtr	269.19	2341.953
					Total: 77144.398314294