

ESTIMATION DPR							
State	Odisha	District	Jagatsinghpur	Block	Naugaon	Gram Panchayat	Rehia

Work Code	OD/355/3391/118186/398146/00065266 (Improvement of road from Rabindra Das house to Bijaya Bihari Das house)
Project Category	Road

Financial Year	2020-21	Execution Level	PS
Executing Agency	Panchayat Samiti, Naugaon	Proposal Date	-
Date of Commencement	20-11-2025	Date of Completion	26-11-2025
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	SONALI MALLICK		

Administrative Approval Details

Approval No.	OD/355/3391/118186/398146/00065266/AS
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Technical Sanction Details

Technical Sanction No.	OD/355/3391/118186/398146/00065266/TS
Fund Sanction No.	422
Fund Sanction Amount (in Rs.)	137025

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0101aa) ∴Earthwork in ordinary soil in foundation and plinth within 50m, initial lead and 1.5m, initial lift - Earthwork in ordinary soil in foundation and 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 direction of the Engineer-in-charge per 100 cum	-	1.77	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.	-	6.608	Cum
i)	BRM029 : Sand for filling and road blinding	1	6.608	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.	-	9.558	Cum
i)	BRM340 : Cement	2.29	21.88782	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	4.58784	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	9.17568	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 specificaion and direction of Engineer-in charge.	-	7.198	Cum
i)	BRM340 : Cement	3.23	23.24954	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.2391	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	6.4782	1 Cum.
5	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	-	14.16	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0378072	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.78416	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	6.608	1 Cum	664.71	4392.40368
2	BRM340	45.13736	1 Qntl.	613.327	27683.96159672
3	BRM028	7.82694	1 Cum	673.22	5269.2525468
4	BRM044	9.17568	1 Cum.	2519.56	23118.6763008
5	BRM056	6.4782	1 Cum.	2920.93	18922.368726
6	BRM104	0.0378072	1Cum.	58573.086	2214.4843770192
7	BRM092	1.78416	1Mtr.	229.106	408.76176096
					Total: 82009.908988299