

ESTIMATION DPR							
State	Odisha	District	Jagatsinghpur	Block	Tirtol	Gram Panchayat	Kolar

Work Code	OD/355/3393/118223/397519/00066219 (IMPROVEMENT OF ROAD FROM NARENDRA JENA HOUSE TO HOLDING SHOP, VILL- NAGAPURA, GP- KOLAR)
Project Category	Road

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Tirtol	Proposal Date	-
Date of Commencement	01-12-2025	Date of Completion	30-01-2026
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance and improvement of Road infrastructure
Project Sub-Category	CC Road	Project Type	Upgradation or Improvement
Name of Executant	LIPSA SAMAL		

Administrative Approval Details

Approval No.	OD/355/3393/118223/397519/00066219/AS
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Technical Sanction Details

Technical Sanction No.	OD/355/3393/118223/397519/00066219/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	300000

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.	-	19.72	Cum
i)	BRM029 : Sand for filling and road blinding	1	19.72	1 Cum

2	<p>Earth Work (AR0101a) :.Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift - Earth work in ordinary soil 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.</p>	-	3.48	Cum
3	<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>	-	20.0912	Cum
i)	BRM340 : Cement	2.29	46.008848	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	9.643776	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	19.287552	1 Cum.

4	Concrete (AR0307) :.First floor - 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.	-		15.66	Cum
i)	BRM340 : Cement	3.23		50.5818	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45		7.047	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		14.094	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	-		40.6	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267		0.108402	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126		5.1156	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	19.72	1 Cum	534.51	10540.5372

2	BRM340	96.590648	1 Qntl.	603.877	58328.870742296
3	BRM028	16.690776	1 Cum	543.02	9063.42518352
4	BRM044	19.287552	1 Cum.	2501.16	48241.25356032
5	BRM056	14.094	1 Cum.	2902.53	40908.25782
6	BRM104	0.108402	1Cum.	58573.086	6349.439668572
7	BRM092	5.1156	1Mtr.	229.106	1172.0146536
					Total: 174603.79882831