

ESTIMATION DPR							
State	Odisha	District	Jagatsinghpur	Block	Tirtol	Gram Panchayat	Birtol

Work Code	OD/355/3393/118210/397631/00058417 (Construction of CC road from Adil Khan house to Moi Khan house Ward No.-12)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Tirtol	Proposal Date	-
Date of Commencement	09-03-2026	Date of Completion	-
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	PARTHA SARATHI DASH		

### Administrative Approval Details

Approval No.	OD/355/3393/118210/397631/00058417/AS
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### Technical Sanction Details

Technical Sanction No.	OD/355/3393/118210/397631/00058417/TS
Fund Sanction No.	1990
Fund Sanction Amount (in Rs.)	201457

### MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Measurement Qty)	Unit
1	<b>Earth Work (AR0115)</b> :.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.	-	13.5375	Cum
i)	<b>BRM029</b> : Sand for filling and road blinding	1	13.5375	1 Cum

2	<p><b>Concrete (AR0303)</b>  <b>:.Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal -</b>  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&amp;P required for the work etc. complete and as per direction of Engineer-in charge.</p>	-	13.11	Cum
i)	<b>BRM340</b> : Cement	2.29	30.0219	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.48	6.2928	1 Cum
iii)	<b>BRM044</b> : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	12.5856	1 Cum.
3	<p><b>Concrete (AR0307)</b>  <b>:.Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum -</b>  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&amp;P required for the work etc. complete as per specificaion and direction of Engineer-in charge.</p>	-	11.4	Cum
i)	<b>BRM340</b> : Cement	3.23	36.822	1 Qntl.
ii)	<b>BRM028</b> : Screened and washed sharp sand for mortar	0.45	5.13	1 Cum

iii)	<b>BRM056</b> : 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	10.26	1 Cum.
4	<b>Earth Work (AR0101a)</b> ∴.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.	-	3.8475	Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	<b>BRM029</b>	13.5375	1 Cum	534.51	7235.929125
2	<b>BRM340</b>	66.8439	1 Qntl.	594.292	39724.7950188
3	<b>BRM028</b>	11.4228	1 Cum	543.02	6202.808856
4	<b>BRM044</b>	12.5856	1 Cum.	2501.16	31478.599296
5	<b>BRM056</b>	10.26	1 Cum.	2902.53	29779.9578

**Total: 114422.0900958**