

ESTIMATION DPR							
State	Odisha	District	Sambalpur	Block	Rairakhol	Gram Panchayat	Rengali

Work Code	OD/371/3565/121408/382348/00038326 (Construction of CC Road at Tutamunda Village Road)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Rairakhol	Proposal Date	-
Date of Commencement	30-12-2025	Date of Completion	08-01-2026
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant	Sanghamitra Seth		

Administrative Approval Details

Approval No.	OD/371/3565/121408/382348/00038326/AS
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Technical Sanction Details

Technical Sanction No.	OD/371/3565/121408/382348/00038326/TS
Fund Sanction No.	28788
Fund Sanction Amount (in Rs.)	500000

MATERIAL STATEMENT

SI.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0102aa) :.Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift - Earth work in hard soil or gravelly soil foundation & 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 the direction of the Engineer-in-charge	-	58.70720057772	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.	-	36.55201813279	Cum
i)	BRM029 : Sand for filling and road blinding	1	36.55201813279	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.	-	45.912673383985	Cum
i)	BRM340 : Cement	2.29	105.14002204933	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	22.038083224313	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	44.076166448626	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 specifaion and direction of Engineer-in charge.	-	29.00312528886	Cum
i)	BRM340 : Cement	3.23	93.680094683018	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	13.051406379987	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	26.102812759974	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	36.55201813279	1 Cum	476.21	17406.436555016
2	BRM340	198.82011673234	1 Qntl.	598.457	118985.29059929
3	BRM028	35.0894896043	1 Cum	483.09	16951.381532941
4	BRM044	44.076166448626	1 Cum.	1486.41	65515.254570902
5	BRM056	26.102812759974	1 Cum.	1933.03	50457.520149413
Total: 269315.88340756					