

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Turekela	Gram Panchayat	Buromal

Work Code	OD/345/3297/116027/421208/00065430 (CONSTRUCTION OF CC ROAD FROM JAGANNATH MANDIR TO KUKUDAHAD)						
Project Category	Road						

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Turekela	Proposal Date	-
Date of Commencement	02-12-2025	Date of Completion	-
Scheme Name	SFC Devolution of Fund	Scheme Component Name	5TH SFC DEVOLUTION GRANT TO PANCHAYAT SAMITI
Project Sub-Category	CC Road	Project Type	New Work
Name of Executant	TEJU PUTEL		

Administrative Approval Details

Approval No.	OD/345/3297/116027/421208/00065430/AS
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Technical Sanction Details

Technical Sanction No.	OD/345/3297/116027/421208/00065430/TS
Fund Sanction No.	24940
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 (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	-	3.238734	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.	-	25.300990008	Cum
i)	BRM029 : Sand for filling and road blinding	1	25.300990008	1 Cum
3	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.	-	30.70319832	Cum
i)	BRM340 : Cement	2.29	70.3103241528	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	14.7375351936	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	29.4750703872	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.	-	18.352826	Cum
i)	BRM340 : Cement	3.23	59.27962798	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	8.2587717	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	16.5175434	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	-	56.67083	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1513111161	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	7.14052458	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	25.300990008	1 Cum	413.05	10450.573922804
2	BRM340	129.5899521328	1 Qntl.	528.967	68548.808209831
3	BRM028	22.9963068936	1 Cum	417.99	9612.2263184559
4	BRM045	29.4750703872	1 Cum.	1128.47	33261.732679844
5	BRM056	16.5175434	1 Cum.	1737.73	28703.030692482
6	BRM104	0.1513111161	1Cum.	58573.086	8862.7590160813
7	BRM092	7.14052458	1Mtr.	229.106	1635.9370244255
					Total: 161075.06786392