

ESTIMATION DPR							
State	Odisha	District	Nabarangpur	Block	Dabugam	Gram Panchayat	Anchala

Work Code	OD/366/3514/275364/427605/00055745 (Const. of CC Road at Bhandimal)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Dabugam	Proposal Date	16-06-2025
Date of Commencement	16-01-2026	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	Abinash Nayak		

Administrative Approval Details

Approval No.	OD/366/3514/275364/427605/00055745/AS
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Technical Sanction Details

Technical Sanction No.	OD/366/3514/275364/427605/00055745/TS
Fund Sanction No.	15612
Fund Sanction Amount (in Rs.)	150000

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	-	2.224	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.	-	11.259	Cum
i)	BRM029 : Sand for filling and road blinding	1	11.259	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.	-	12.371	Cum
i)	BRM340 : Cement	2.29	28.32959	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	5.93808	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	11.87616	1 Cum.

4	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	-		16.68	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267		0.0445356	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126		2.10168	1Mtr.
5	R.C.C. Work (AR0401) :R.C.C work - 'Reinforced cement concrete (1:2:4) work with 12mm size black hard crusher broken granite 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 and as per direction of Engineer-in charge. (To be used for minor repair work only)	-		10.147	Cum
i)	BRM340 : Cement	3.23		32.77481	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45		4.56615	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		9.1323	1 Cum.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
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1	BRM029	11.259	1 Cum	347.95	3917.56905
2	BRM340	61.1044	1 Qntl.	591.732	36157.4288208
3	BRM028	10.50423	1 Cum	417.24	4382.7849252
4	BRM044	11.87616	1 Cum.	1466.56	17417.1012096
5	BRM104	0.0445356	1Cum.	58573.086	2608.5875288616
6	BRM092	2.10168	1Mtr.	229.106	481.50749808
7	BRM056	9.1323	1 Cum.	1867.93	17058.497139
					Total: 82023.476171542