

ESTIMATION DPR							
State	Odisha	District	Nayagarh	Block	Dasapalla	Gram Panchayat	Banigochha

Work Code	OD/367/3524/120607/405622/00043112 (Imp. of road from Banigochha to Talagaon)
Project Category	Road

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Dasapalla	Proposal Date	-
Date of Commencement	31-07-2025	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	Upgradation or Improvement
Name of Executant	Rasmi Ranjan Dash		

Administrative Approval Details

Approval No.	OD/367/3524/120607/405622/00043112/AS
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Technical Sanction Details

Technical Sanction No.	OD/367/3524/120607/405622/00043112/TS
Fund Sanction No.	9114
Fund Sanction Amount (in Rs.)	360000

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	Earth Work (AR0110) :.Fine dressing of earth work in ordinary or hard soil in road formation - Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.	-	247.493592	Sqm

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.	-	25.1201730816	Cum
i)	BRM029 : Sand for filling and road blinding	1	25.1201730816	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.	-	25.1201730816	Cum
i)	BRM340 : Cement	2.29	57.525196356864	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	12.057683079168	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	24.115366158336	1 Cum.

4	<p>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.</p>	-	25.061333036544	Cum
i)	BRM340 : Cement	3.23	80.948105708037	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	11.277599866445	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	22.55519973289	1 Cum.
5	<p>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</p>	-	41.248932	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.11013464844	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	5.197365432	1Mtr.

6	Earth Work (AR0122Bi) :.Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift - Earthwork in ordinary soil within 5 Km. mechanical carriages and spreading in filling area/road berm within initial lead and lift including dressing and leveling the bed, etc. as per direction of Engineer-in-Charge.	-	37.7179776	Cum
i)	BRMM402 : Loading into trucks and unloading from trucks within 50 Meter lead (2/3 of rate is consider for loading).	-0.6666	-25.14280386816	1 Cum
ii)	BRMM401 : Conveyance of material by 10 ton trucks within 5 KM including loading and unloading	1	37.7179776	1 Cum

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	25.1201730816	1 Cum	332.58	8354.4671634785
2	BRM340	138.4733020649	1 Qntl.	579.287	80215.78373327
3	BRM028	23.335282945613	1 Cum	599.41	13987.40195043
4	BRM045	24.115366158336	1 Cum.	1038.44	25042.360833462
5	BRM056	22.55519973289	1 Cum.	1867.93	42131.534237056
6	BRM104	0.11013464844	1Cum.	58573.086	6450.9262346559
7	BRM092	5.197365432	1Mtr.	229.106	1190.7476046638
8	BRMM402	-25.14280386816	1 Cum	175.38	-4409.5449423979
9	BRMM401	37.7179776	1 Cum	276.01	10410.538997376
Total: 183374.215812					