

ESTIMATION DPR							
State	Odisha	District	Ganjam	Block	Chikiti	Gram Panchayat	Nuapada

Work Code	OD/354/3370/117700/413008/00039112 (Maintenance & Improvement of Nuapada Keuta Sahi village Road)						
Project Category	Road						

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Chikiti	Proposal Date	11-05-2022
Date of Commencement	01-12-2025	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance and improvement of Road infrastructure
Project Sub-Category	Pavor Block	Project Type	Upgradation or Improvement
Name of Executant	SUCHISMITA MISHRA		

Administrative Approval Details

Approval No.	OD/354/3370/117700/413008/00039112/AS
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Technical Sanction Details

Technical Sanction No.	OD/354/3370/117700/413008/00039112/TS
Fund Sanction No.	10046
Fund Sanction Amount (in Rs.)	450000

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	-	59.94	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.	-	19.98	Cum
i)	BRM029 : Sand for filling and road blinding	1	19.98	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.	-	22.68	Cum
i)	BRM340 : Cement	2.29	51.9372	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	10.8864	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	21.7728	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	-	86.4	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.230688	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	10.8864	1Mtr.
5	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.	-	21.06	Cum
i)	BRM340 : Cement	3.23	68.0238	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	9.477	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	18.954	1 Cum.

6	miscellaneous(ARM28 7) :.Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC - Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.	-	197.1	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	5.913	1 Cum
ii)	BRMM287 : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items)	1	197.1	1 Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	25.893	1 Cum	403.97	10459.99521
2	BRM340	119.961	1 Qntl.	634.632	76131.089352
3	BRM028	20.3634	1 Cum	407.34	8294.827356
4	BRM044	21.7728	1 Cum.	1531.66	33348.526848
5	BRM104	0.230688	1Cum.	58573.086	13512.108063168
6	BRM092	10.8864	1Mtr.	229.106	2494.1395584
7	BRM056	18.954	1 Cum.	1933.03	36638.65062
8	BRMM287	197.1	1 Sqm	608.4	119915.64

