

ESTIMATION DPR							
State	Odisha	District	Kandhamal	Block	Raikia	Gram Panchayat	Dadingia

Work Code	OD/359/3431/118988/417545/00066070 (CONSTRUCTION OF DRAIN AT BENGESINAJU TO PUNINAJU DALBALI)
Project Category	Water Body

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Raikia	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	Drainage Work	Project Type	New Work
Name of Executant	MR SUBHENDU KUMAR PRADHAN		

Administrative Approval Details

Approval No.	OD/359/3431/118988/417545/00066070/AS
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Technical Sanction Details

Technical Sanction No.	OD/359/3431/118988/417545/00066070/TS
Fund Sanction No.	14036
Fund Sanction Amount (in Rs.)	202038

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	-	38.88	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.	-	4.32	Cum
i)	BRM029 : Sand for filling and road blinding	1	4.32	1 Cum
3	R.C.C. Work (AR0409) :.Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position - Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.	-	5.103	Qntl
i)	BRM162 : Binding Wire.	0.8	4.0824	1 Kg.
ii)	BRM341 : Steel	1.05	5.35815	1 Qntl.

4	<p>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.</p>	-	5.4	Cum
i)	BRM340 : Cement	2.29	12.366	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	2.592	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	5.184	1 Cum.
5	<p>R.C.C. Work (AR0404Ab) :.Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips - Reinforced cement concrete work of M-20 grade with 20mm & down grade 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)</p>	-	14.04	Cum
i)	BRM340 : Cement	3.4733	48.765132	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.318	1 Cum

iii)	BRM060 : Granite Stone broken chips 10mm. size (Minimum 65% by Wt. Passing through 9.5mm sieve & retained on 6.3mm sieve but whole should pass through 13.2mm sieve) (Crusher broken)	0.36	5.0544	1 Cum.
iv)	BRM052 : Granite Stone broken chips 20mm. size (Minimum 65% by Wt. Passing through 19mm sieve & retained on 13.2mm sieve but whole should pass through 26.5mm sieve) (Crusher broken)	0.54	7.5816	1 Cum.
v)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.01335	0.187434	1Cum.
vi)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.63	8.8452	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	4.32	1 Cum	411.11	1775.9952
2	BRM162	4.0824	1 Kg.	90.1	367.82424
3	BRM341	5.35815	1 Qntl.	7103.687	38062.62049905
4	BRM340	61.131132	1 Qntl.	602.907	36856.387400724
5	BRM028	8.91	1 Cum	1214.79	10823.7789
6	BRM045	5.184	1 Cum.	1323.77	6862.42368
7	BRM060	5.0544	1 Cum.	2556.58	12921.977952
8	BRM052	7.5816	1 Cum.	2520.2	19107.14832
9	BRM104	0.187434	1Cum.	58573.086	10978.587801324
10	BRM092	8.8452	1Mtr.	229.106	2026.4883912
Total: 139783.2323843					