

ESTIMATION DPR							
State	Odisha	District	Khordha	Block	Balipatna	Gram Panchayat	Turintira

Work Code	OD/362/3457/119563/407650/00079612 (Repair & maintenance of road from RD road to Nilakanth House)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Balipatna	Proposal Date	-
Date of Commencement	-	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	Repair and Maintenance
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/362/3457/119563/407650/00079612/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	100000

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	-	1.4175	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.	-	5.817	Cum
i)	BRM029 : Sand for filling and road blinding	1	5.817	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.	-	5.1765	Cum
i)	BRM340 : Cement	2.29	11.854185	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	2.48472	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	4.96944	1 Cum.

4	Concrete (AR0307a) :.Fifth Floor - Cement concrete work with (1:2:4) using 12mm size hard granite(hand broken) chips including hoisting and laying in position compacting to proper thickness 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.	-		6.4365	Cum
i)	BRM057 : 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)(Hand broken)	0.9		5.79285	1 Cum.
ii)	BRM340 : Cement	3.23		20.789895	1 Qntl.
iii)	BRM028 : Screened and washed sharp sand for mortar	0.45		2.896425	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	-		10.92	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267		0.0291564	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126		1.37592	1Mtr.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	5.817	1 Cum	397.3	2311.0941

2	BRM340	32.64408	1 Qntl.	569.387	18587.11477896
3	BRM028	5.381145	1 Cum	403.69	2172.31442505
4	BRM045	4.96944	1 Cum.	1879.27	9338.9195088
5	BRM057	5.79285	1 Cum.	2155.14	12484.402749
6	BRM104	0.0291564	1Cum.	58668.206	1710.5536814184
7	BRM092	1.37592	1Mtr.	324.226	446.10903792
					Total: 47050.508281148