

ESTIMATION DPR							
State	Odisha	District	Rayagada	Block	Kasipur	Gram Panchayat	Bankamba

Work Code	OD/370/3552/121174/426105/00060524 (Maintenance and improvement of Roads at Dakli)
Project Category	Road

Financial Year	2022-23	Execution Level	PS
Executing Agency	Panchayat Samiti, Kasipur	Proposal Date	08-06-2021
Date of Commencement	31-10-2025	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	New Work
Name of Executant	KRISHNA PRIYA MANDAL		

Administrative Approval Details

Approval No.	OD/370/3552/121174/426105/00060524/AS
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Technical Sanction Details

Technical Sanction No.	OD/370/3552/121174/426105/00060524/TS
Fund Sanction No.	9114
Fund Sanction Amount (in Rs.)	159826

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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.	-	16.98905	Cum
i)	BRM029 : Sand for filling and road blinding	1	16.98905	1 Cum

2	<p>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.</p>	-	14.68805	Cum
i)	BRM340 : Cement	2.29	33.6356345	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	7.050264	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	14.100528	1 Cum.
3	<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 specificaion and direction of Engineer-in charge.</p>	-	6.998875	Cum
i)	BRM340 : Cement	3.23	22.60636625	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	3.14949375	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	6.2989875	1 Cum.
4	Earth Work (AR0122Ai) :.Earth work in all kinds of soil within 50m, initial lead and 1.5m, initial lift - Earth work in all kinds of soil 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 direction of the Engineer-in-charge.	-	22.837425	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	-	7.67	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0204789	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	0.96642	1Mtr.

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	16.98905	1 Cum	673.45	11441.2757225
2	BRM340	56.24200075	1 Qntl.	555.642	31250.417780731
3	BRM028	10.19975775	1 Cum	678.39	6919.4136600225
4	BRM044	14.100528	1 Cum.	1421.31	20041.22145168
5	BRM056	6.2989875	1 Cum.	1867.93	11766.067720875

6	BRM104	0.0204789	1Cum.	58573.086	1199.5123708854
7	BRM092	0.96642	1Mtr.	229.106	221.41262052
					Total: 82839.321327214