

ESTIMATION DPR							
State	Odisha	District	Kandhamal	Block	Khajuripada	Gram Panchayat	Adasipada

Work Code	OD/359/3427/118934/415684/00048106 (IMP.OF ROAD WITH CC/GRADE-II METALLING FROM GHODAPATHAR HADISAIHI TO SCHOOL)
Project Category	Road

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Khajuripada	Proposal Date	31-12-2024
Date of Commencement	04-09-2025	Date of Completion	06-02-2026
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	Maintenance and improvement of Road infrastructure
Project Sub-Category	Mettalling Road	Project Type	Upgradation or Improvement
Name of Executant	P SANTOSH KUMAR PATRA		

Administrative Approval Details

Approval No.	OD/359/3427/118934/415684/00048106/AS
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Technical Sanction Details

Technical Sanction No.	OD/359/3427/118934/415684/00048106/TS
Fund Sanction No.	
Fund Sanction Amount (in Rs.)	250000

ROYALTY 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	-	3.3928	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.	-	14.63145	Cum
i)	BRM029 : Sand for filling and road blinding	1	14.63145	1 Cum
3	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	-	42.41	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.1132347	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.000614	0.02603974	1Mtr.

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>	-	19.72065	Cum
i)	BRM340 : Cement	2.29	45.1602885	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	9.465912	1 Cum
iii)	BRM045 : Granite Stone broken metal 40mm. size (Hand broken)	0.96	18.931824	1 Cum.
5	<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>	-	15.47965	Cum
i)	BRM340 : Cement	3.23	49.9992695	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	6.9658425	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	13.931685	1 Cum.
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S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM029	14.63145	1 Cum	70.25	1027.8593625
2	BRM028	16.4317545	1 Cum	205.25	3372.617611125
3	BRM045	18.931824	1 Cum.	239.5	4534.171848
4	BRM056	13.931685	1 Cum.	239.5	3336.6385575
Total: 12271.287379125					