

ESTIMATION DPR							
State	Odisha	District	Balangir	Block	Balangir	Gram Panchayat	Sadeipali

Work Code	OD/345/3285/115794/420178/00038888 (Improvement of road from Megha Jagadala house to Anant Ku Padhan house in front of Chamartikra UP School)
Project Category	Road

Financial Year	2025-26	Execution Level	PS
Executing Agency	Panchayat Samiti, Balangir	Proposal Date	-
Date of Commencement	-	Date of Completion	-
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	All Weather Connectivity
Project Sub-Category	Mettalling Road	Project Type	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	OD/345/3285/115794/420178/00038888/TS
Fund Sanction No.	34188
Fund Sanction Amount (in Rs.)	300000

MATERIAL STATEMENT

SI.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	-	28.074408192	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.	-	21.193425792	Cum
i)	BRM029 : Sand for filling and road blinding	1	21.193425792	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.	-	22.936608	Cum
i)	BRM340 : Cement	2.29	52.52483232	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	11.00957184	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	22.01914368	1 Cum.

4	miscellaneous(ARM287) :.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.	-	240.804576	Sqm
i)	BRM029 : Sand for filling and road blinding	0.03	7.22413728	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	240.804576	1 Sqm

Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	28.417563072	1 Cum	439.09	12477.867769284
2	BRM340	52.52483232	1 Qntl.	528.967	27783.902977813
3	BRM028	11.00957184	1 Cum	444.03	4888.5801841152
4	BRM044	22.01914368	1 Cum.	1466.56	32292.395355341
5	BRMM287	240.804576	1 Sqm	608.4	146505.5040384

Total: 223948.25032495