

ESTIMATION DPR							
State	Odisha	District	Puri	Block	Astaranga	Gram Panchayat	Nagar

Work Code	OD/369/3536/120883/409198/00061967 (Construction of CC road from Deba Behera house to Nua-kaliakana)
Project Category	Road

Financial Year	2021-22	Execution Level	PS
Executing Agency	Panchayat Samiti, Astaranga	Proposal Date	-
Date of Commencement	16-01-2026	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	RASMIREKHA SAHOO		

Administrative Approval Details

Approval No.	OD/369/3536/120883/409198/00061967/AS
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Technical Sanction Details

Technical Sanction No.	OD/369/3536/120883/409198/00061967/TS
Fund Sanction No.	11088
Fund Sanction Amount (in Rs.)	800000

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	-	10.9698	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.	-	52.10655	Cum
i)	BRM029 : Sand for filling and road blinding	1	52.10655	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.	-	64.90465	Cum
i)	BRM340 : Cement	2.29	148.6316485	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	31.154232	1 Cum
iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	62.308464	1 Cum.

4	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.	-	41.8223625	Cum
i)	BRM340 : Cement	3.23	135.086230875	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	18.820063125	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	37.64012625	1 Cum.

SI.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM029	52.10655	1 Cum	401.61	20926.5115455
2	BRM340	283.717879375	1 Qntl.	595.407	168927.61140503
3	BRM028	49.974295125	1 Cum	897.85	44869.420877981
4	BRM044	62.308464	1 Cum.	2251.71	140300.59147344
5	BRM056	37.64012625	1 Cum.	2663.33	100248.07744541
Total: 475272.21274736					