

ESTIMATION DPR							
State	Odisha	District	Cuttack	Block	Nischinta Koili	Gram Panchayat	Fogal

Work Code	OD/350/3342/117084/399692/00018425 (Improvement Of CC road from Fhogal Gp Office To Smasan Road)						
Project Category	Road						

Financial Year	2024-25	Execution Level	PS
Executing Agency	Panchayat Samiti, Nischinta Koili	Proposal Date	18-01-2025
Date of Commencement	-	Date of Completion	
Scheme Name	5th SFC Grant in Aid	Scheme Component Name	MAINTENANCE OF ROADS AND BRIDGES
Project Sub-Category	CC Road	Project Type	Upgradation or Improvement
Name of Executant			

Administrative Approval Details

Approval No.	
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Technical Sanction Details

Technical Sanction No.	
Fund Sanction No.	1473
Fund Sanction Amount (in Rs.)	125000

ACTIVITY STATEMENT

S/N	ACTIVITY TAKEN	UNIT	QUANTITY	UNIT PRICE (IN RS.)	TOTAL (IN RS.)
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1	<p align="center">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</p>	Sqm	8.14568	216.39264180804	1762.6652145229
2	<p align="center">Concrete (AR0307) : First floor - 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>	Cum	9.8970012	8114.75841472	80311.773768194

3	<p align="center">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>	Cum	6.37788	6214.82012856	39637.37700154
Total Amount (in Rs.): 121711.81598426					

LABOUR STATEMENT

SI.No.	Activity Name	Qty/unit(B=Analysis Basic Qty/HeaderUnit)	Quantity(Measurement Qty)	Unit
1	<p>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</p>	-	8.14568	Sqm
i	Semi-Skilled	0.05	0.407284	-

	ii	Skilled	0.05	0.407284	-
2		Concrete (AR0307) : First floor - 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 specification and direction of Engineer-in charge.	-	9.8970012	Cum
	i	Un-Skilled	5.29	52.355136348	-
	ii	Skilled	0.782	7.7394549384	-
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.	-	6.37788	Cum
	i	Skilled	0.18	1.1480184	-

ii	Un-Skilled	3.9	24.873732	-
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Sl.No.	Labour Type	Qty Unit	Rate	Amount
1	Semi-Skilled	0.407284	512	208.529408
2	Skilled	9.2947573384	562	5223.6536241808
3	Un-Skilled	77.228868348	462	35679.737176776
Total: 41111.920208957				

MATERIAL STATEMENT

Sl.No.	Activity Name/Material	Qty/unit (B=Analysis Basic Qty/Header Unit)	Quantity (Meaurement Qty)	Unit
1	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	-	8.14568	Sqm
i)	BRM104 : Non Sal wood scantling & plants(Tentera, Kasi, Gamhari, Kuruma)	0.00267	0.0217489656	1Cum.
ii)	BRM092 : Non-sal bullahs 75mm. mean dia of any length.	0.126	1.02635568	1Mtr.

2	Concrete (AR0307) : First floor - 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.	-	9.8970012	Cum
i)	BRM340 : Cement	3.23	31.967313876	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.45	4.45365054	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	8.90730108	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.	-	6.37788	Cum
i)	BRM340 : Cement	2.29	14.6053452	1 Qntl.
ii)	BRM028 : Screened and washed sharp sand for mortar	0.48	3.0613824	1 Cum

iii)	BRM044 : Granite Stone broken metal 40mm. size (Crusher broken)	0.96	6.1227648	1 Cum.
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Sl.No.	Material Name	Qty	Unit	Rate	Amount
1	BRM104	0.0217489656	1Cum.	58620.646	1274.9384133038
2	BRM092	1.02635568	1Mtr.	276.666	283.95772056288
3	BRM340	46.572659076	1 Qntl.	569.712	26533.002747506
4	BRM028	7.51503294	1 Cum	417.99	3141.2086185906
5	BRM056	8.90730108	1 Cum.	2466.91	21973.510107263
6	BRM044	6.1227648	1 Cum.	2038.31	12480.092719488
Total: 65686.710326714					

ROYALTY STATEMENT

S/N	Material Name	Qty	Unit	Royalty Rate	Amount
1	BRM028	7.51503294	1 Cum	605.25	4548.473686935
2	BRM056	8.90730108	1 Cum.	158.5	1411.80722118
3	BRM044	6.1227648	1 Cum.	158.5	970.4582208
Total: 6930.739128915					

ADDITION COMPONENT

Sl.No.	Item Name	Amount (in Rs.)
1	Provision for Contingency @ Rs. 1250	Rs. 1250
2	Display Citizen Board @ Rs. 2035	Rs. 2035
Total Addition Component Amount (in Rs.): 3285		

Total Net Amount (in Rs.): 124996.81598426