

Project ID:- 10502302124

24/4/23

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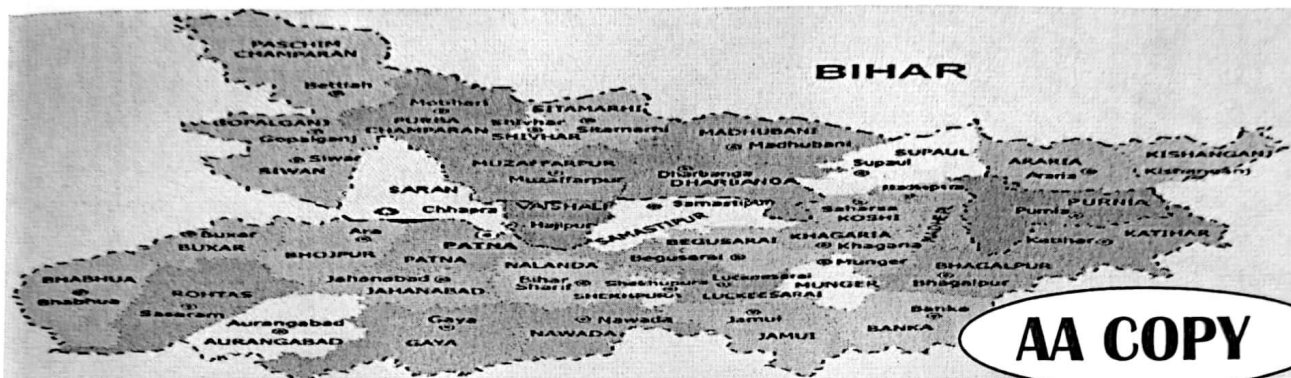


ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)



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DETAILED PROJECT REPORT

STATE :-	Bihar	DISTRICT :-	Gaya.
DIVISION :-	Sherghati	BLOCK :-	Mohanpur
NAME OF ROAD :-	L048-L036 To BHATUCHAK (VR27)		
TOTAL LENGTH OF ROAD.	=	5.010 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	5.010 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 341.252 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 68.114 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 44.674 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 70.432 Lacs	
TOTAL PROJECT COST	=	Rs. 456.358 Lacs	
YEAR (2024 - 2025)			

Submitted By :-
Executive Engineer
RWD (w) Division, Sherghati
Gaya.

Prepared By:
A.K. ENGINEERING SERVICES.
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E-MAIL: akengineering120@gmail.com

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Mohanpur के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L048-L036 to BHATUCHAK (VR27)

के नवीनीकरण/उन्नयन/पुननिर्माण किये जाने हेतु तैयार किये गये

प्राक्कलन में कृत प्रावधान स्थल के अनुरूप है जिसमे विशेषतः सघन

आबादी एवं संकीर्ण क्षेत्र मे Cement Concrete Pavement(यदि लागू हो)

एवं Traffic की गणना के आधार पर BM (यदि लागू हो) का प्रावधान किया गया है।



संबंधित पदाधिकारी का नाम :-

पदनाम:- AE

पदस्थापन स्थल:- मोहनपुर

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Mohanpur के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L048-L036 to BHATUCHAK (VR27)

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एवं Traffic की गणना के आधार पर BM (यदि लागू हो) का प्रावधान किया गया है।


30.12.24

संबंधित पदाधिकारी का नाम :-

पदनाम:- Executive Engineer.

पदस्थापन स्थल:-

Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:-- Mohanpur

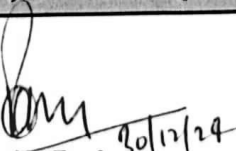
District:- Gaya.

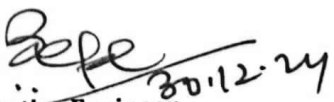
Construction Length Of Road:- 5.010 KM

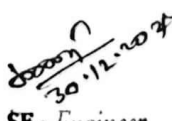
Name Of Road:-- L048-L036 To BHATUCHAK (VR27)

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 229.894 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 53.726 Lacs
	TOTAL ESTIMATED COST (1+2)	: 283.621 Lacs
	Labour Cess @1%	: 2.836 Lacs
	Add Seigniorage Fee @10%	: 2.740 Lacs
	Sub Total	: 289.197 Lacs
	GST @18%	: 52.055 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 341.252 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 37.112 Lacs
	Labour Cess @1%	: 0.371 Lacs
	Add Seigniorage Fee @10% .	: 0.377 Lacs
	Sub Total	: 37.860 Lacs
	GST @18%	: 6.815 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 44.674 Lacs
C	SUB TOTAL COST (A+B)	385.927 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 57.889 Lacs
E	Contingency @ 1% OF "C"	: 3.859 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 8.683 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 456.358 Lacs


Junior Engineer


Asstt. Engineer


Executive Engineer


Superintending Engineer
Rural Works Department
Works Circle, Gaya

tal Construction Cost: → 341.252 Lacs

Minor Improvement
Initial Rectification
5th Year Periodic Renewal

Total Maintenance Cost → 44.674 Lacs

(1st, 2nd, 3rd, 4th, 6th & 7th):

Other Cost:

Emergent Cost → 57.889 Lacs

Contingency Cost → 3.859 Lacs

Administrative Cost → 8.683 Lacs

Total → 456.358 Lacs

T.A. No. dt.

Ref. SE letter dt.

Technically Approved for Rs. 456.358 Lacs

(Rupees. Four hundred Fifty Six Lacs

thirty five thousands eight hundred

Only

for construction work & 5 Years Maintenance

[Signature]
A. 9/11/25

[Signature]
E. 9/11/25

Tec. Secy.

[Signature]
C.E. 9/11/25

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : L048-L036 To BHATUCHAK (VR27)										Road No : 1									
Section From :		Up	↑	L048-L036		To		L048-L036		Station No :		1							
		Down	↓	BHATUCHAK (VR27)		To		BHATUCHAK (VR27)		24 - 12 - 2024									
Location Km :		5.010 Km				24 Hours													
TIME		FAST MOVING VEHICLES										SLOW MOVING VEHICLES					Hourly PCU	Peak Hour PCU	
		Two Wheeler	Three Wheeler Auto Rickshaw	Car/Jeeep/ Van/ Taxi	Bus		LCV	TRUCK		Agei. Tractor		Cycle Rickshaw	Animal Drawn						
							Loaded	Un loaded	Loaded	Without Trailer	With Trailer		Cycle	Bullock Cart	Num. Tyred				
6.00 AM - 12.00 PM		45	0	14	1	2	5	8	15	32	1	0	39	0	0	259			
12.00 PM - 6.00 PM		29	0	14	2	0	6	6	25	25	1	0	36	0	0	259			
6.00 PM - 6.00 AM		36	1	10	0	1	9	3	26	26	0	0	35	0	0	290			
Total		110	1	38	3	3	20	17	66	83	2		110						
PCU FACTOR		0.5	1	1	3	3	3	3	4.5	1.5	2	4	0.5	4	4	807			
Total PCU		55	1	38	9	9	60	51	297	124.5	4	0	55	0	0				