



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)



AA COPY

DETAILED PROJECT REPORT

STATE :-	Bihar		DISTRICT :-	Gaya.
DIVISION :-	Sherghati		BLOCK :-	Gurua
NAME OF ROAD :-		L109-L057 To MAHADEV ASTHAN (VR78)		
TOTAL LENGTH OF ROAD		=	2.600 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD		=	2.600 Km	
TOTAL COST OF CONSTRUCTION.		=	Rs. 94.463 Lacs	
COST OF ROAD CONSTRUCTION PER KM		=	Rs. 36.332 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).		=	Rs. 22.468 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)		=	Rs. 21.340 Lacs	
TOTAL PROJECT COST		=	Rs. 138.271 Lacs	
YEAR (2024 - 2025)				

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

Prepared By:
A.K. ENGINEERING SERVICES.
Darna Road, Mahunwan
Hamzapur, Sherghati-824211
Mob: +91 7739181616
E-Mail: akengineering120@gmail.com

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Gurua के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L109-L057

to MAHADEV/ASTHAN (A/D70)

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

प्राक्कलन में कृत प्रावधान स्थल के अनुरूप है जिसमें विशेषतः सघन

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

एवं Traffic की गणना के आधार पर BM (यदि लागू हो) का प्रावधान

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संबंधित पदाधिकारी का नाम :- 

पदनाम:- AE

पदस्थापन स्थल:-

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Gurua के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L109-L057

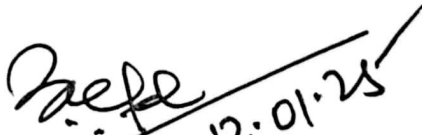
to MAHADEV ASTHAN (VR78)

के नवीनीकरण/उन्नयन/पुनर्निर्माण 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


संबंधित पदाधिकारी का नाम :-

पदनाम:- Executive Engineer.

पदस्थापन स्थल:-

Mukhya Mantri Gram Sadak Yojana (MMGSUY)

GENERAL STATEMENT OF COST

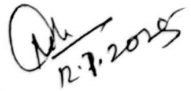
Block:- Gurua

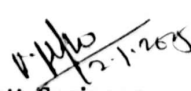
District:- Gaya.

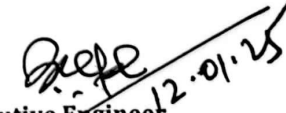
Construction Length Of Road:- 2.600 KM

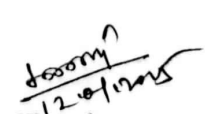
Name Of Road:- L109-L057 To MAHADEV ASTHAN (VR78)

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 51.182 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 27.390 Lacs
	TOTAL ESTIMATED COST (1+2)	: 78.573 Lacs
	Labour Cess @1%	: 0.786 Lacs
	Add Seigniorage Fee @10%	: 0.695 Lacs
	Sub Total	: 80.053 Lacs
	GST @18%	: 14.410 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 94.463 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 18.655 Lacs
	Labour Cess @1%	: 0.187 Lacs
	Add Seigniorage Fee @10% .	: 0.199 Lacs
	Sub Total	: 19.041 Lacs
	GST @18%	: 3.427 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 22.468 Lacs
C	SUB TOTAL COST (A+B)	: 116.931 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 17.540 Lacs
E	Contingency @ 1% OF "C"	: 1.169 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 2.631 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 138.271 Lacs


Junior Engineer


Asstt. Engineer


Executive Engineer


Superintending Engineer
Rural Works Department
Works Circle, Gaya

Total Construction Cost: →
 Minor Improvement
 Initial Rectification
 5th Year Periodic Renewal
 Total Maintenance Cost →
 (1st, 2nd, 3rd, 4th, 6th & 7th):
 Other Cost:
 Emergent Cost →
 Contingency Cost →
 Administrative Cost →
 Total—

138.271 lacs

T.A. No. dt.

Ref. SE letter no. dt.

Technically Approved for Rs. 138.271 lacs

(Rupees one crore thirty eight lacs

Twenty Seven thousand one hundred Only

for construction work & 5 Years Maintenance

CWS
18/11/25

Vijay
E.E. 18/11/25

Tec. Secy.

AD
C.E.-2 20/11/25

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : L109-L057 To MAHADEV ASTHAN (VR78)										Road No : 1									
Section From :		Up	↑	L109-L057	To		L109-L057		Station No :		1								
		Down	↓	MAHADEV ASTHAN (VR78)	To		MAHADEV ASTHAN (VR78)		15 - 12 - 2024		24 Hours								
Location Km :		2.600 Km																	
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	Cycle	Animal Drawn					
					Loaded	Un loaded			Loaded	Un loaded	With Trailer			Without Trailer			Bullock Cart	Num. Tyred	
6.00 AM - 12.00 PM		3	0	2	0	0	0	6	6	3	2	3	0	0	0	58			
12.00 PM - 6.00 PM		2	1	1	0	0	0	4	1	6	2	2	0	0	0	51			
6.00 PM - 6.00 AM		1	0	0	0	0	0	4	5	1	1	2	0	0	0	36			
Total		6	1	3	0	0	0	13.68	12	10	5	7	0						
PCU FACTOR		0.5	1	1	3	3	3	3	3	4.5	1.5	0.5	2	4	4	145			
Total PCU		3	1	3	0	0	0	41.04	36	45	7.5	3.5	0	0	0				