

Project ID:- 10502302062



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 :-	Mohanpur
NAME OF ROAD :-	Manjura To Hariadag		
TOTAL LENGTH OF ROAD.	=	12.710 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	12.710 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 848.842 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 66.785 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 109.065 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 174.818 Lacs	
TOTAL PROJECT COST	=	Rs. 1132.725 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:- Mohanpur के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ Manjura to Hariadag

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।

28/12/24
JE



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 Manjura to Hariadag

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


28.12.21

संबंधित पदाधिकारी का नाम :-

पदनाम:- Executive Engineer.

पदस्थापन स्थल:- शेरघाटी

Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:-- Mohanpur

District:- Gaya.

Construction Length Of Road:- 12.710 KM

Name Of Road:-- Manjura To Hariadag

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	575.597 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	127.830 Lacs
	TOTAL ESTIMATED COST (1+2)	703.427 Lacs
	Labour Cess @1%	7.034 Lacs
	Add Seigniorage Fee @10%	8.896 Lacs
	Sub Total	719.358 Lacs
	GST @18%	129.484 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	848.842 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	90.576 Lacs
	Labour Cess @1%	0.906 Lacs
	Add Seigniorage Fee @10% .	0.946 Lacs
	Sub Total	92.428 Lacs
	GST @18%	16.637 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	109.065 Lacs
C	SUB TOTAL COST (A+B)	957.907 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	143.686 Lacs
E	Contingency @ 1% OF "C"	9.579 Lacs
F	Administrative Cost @ 2.25% OF "C"	21.553 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	1,132.725 Lacs


Junior Engineer


Asstt. Engineer


Executive Engineer


SE
RWD
Superintending Engineer
Rural Works Department
Works Circle, Gaya

ENGINEERING SERVICES

Total Construction Cost	→ 848.842 Lacs
Minor Improvement	→
Initial Rectification	→
5th Year Periodic Renewal	→
Total Maintenance Cost	→ 109.065 Lacs
(1st, 2nd, 3rd, 4th, 5th & 7th)	→
Other Cost	→
Emergent Cost	→ 143.686 Lacs
Contingency Cost	→ 9.579 Lacs
Administrative Cost	→ 21.553 Lacs
Total	→ 1,132.725 Lacs

T.A. No.....dt.....

Ref. SE letter.....dt.....

Technically Approved for Rs. 1,132.725 Lacs

(Rupees..Eleven..thirty..two..Lacs
..seventy..two..thousand..five hundred
..Only)

for construction work & 5 Years Maintenance

P. Singh
A.E.
30/12/24

M. Kumar
E.E.
30/12/24
Tec. Secy.

26/12/24
C.E.-2

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name :	Manjura To Hariadag										Road No :				
Section From :	Up	Manjura	↓	Manjura	To	Manjura	Station No :		1						
	Down	Hariadag	↑	Hariadag	To	Hariadag									
Location Km :	12.710 Km										22 - 12 - 2024				
											24 Hours				
TIME	Two Wheeler	Three Wheeler Auto Rickshaw	Car/Jeep/ Van/ Taxi	Bus		LCV	TRUCK		Agei. Tractor		SLOW MOVING VEHICLES			Hourly PCU	Peak Hour PCU
				Loaded	Un loaded		Loaded	Un loaded	With Trailer	Without Trailer	Cycle Rickshaw	Animal Drawn Bullock Cart Num. Tyred			
6.00 AM - 12.00 PM	85	1	32	2	2	25	5	15	45	25	63	0	0	0	457
12.00 PM - 6.00 PM	69	0	36	0	1	29	9	14	25	26	65	0	0	0	370
6.00 PM - 6.00 AM	65	1	25	0	1	32	12	10	32	24	63	0	0	0	387