

Project No - N205023024006

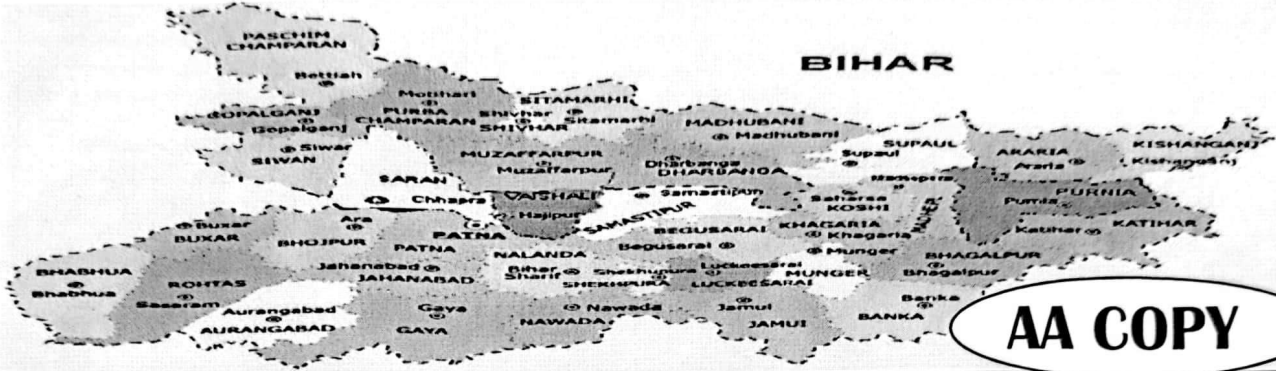


ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)



DETAILED PROJECT REPORT

STATE :-	Bihar	DISTRICT :-	Gaya.
DIVISION :-	Sherghati	BLOCK :-	Mohanpur
NAME OF ROAD :-	ITAHRI To RENDIBAR VIA DHAMNA		
TOTAL LENGTH OF ROAD.	=	3.500 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	3.500 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 220.007 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 62.859 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 28.099 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 45.279 Lacs	
TOTAL PROJECT COST	=	Rs. 293.385 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 ITAHRI to
RENDIBAR VIA DHAMNA

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

किया गया है ।



संबंधित पदाधिकारी का नाम :-

पदनाम:- AE

पदस्थापन स्थल:- मोहानपुर

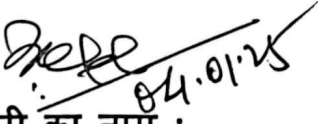
प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Mohanpur के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ ITAHRI to
RENDIBAR VIA DHAMNA

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
किया गया है ।


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:- 3.500 KM

Name Of Road:-- ITAHRI To RENDIBAR VIA DHAMNA

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 149.004 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 33.322 Lacs
	TOTAL ESTIMATED COST (1+2)	: 182.326 Lacs
	Labour Cess @1%	: 1.823 Lacs
	Add Seigniorage Fee @10%	: 2.297 Lacs
	Sub Total	: 186.446 Lacs
	GST @18%	: 33.560 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 220.007 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 23.328 Lacs
	Labour Cess @1%	: 0.233 Lacs
	Add Seigniorage Fee @10% .	: 0.252 Lacs
	Sub Total	: 23.813 Lacs
	GST @18%	: 4.286 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 28.099 Lacs
C	SUB TOTAL COST (A+B)	: 248.106 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 37.216 Lacs
E	Contingency @ 1% OF "C"	: 2.481 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 5.582 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 293.385 Lacs

Junior Engineer

Asstt. Engineer

Executive Engineer

SE
RWD
Superintending Engineer
Rural Works Department
Works Circle, Gaya

ENGINEERING SERVICES

Total Construction Cost → 220.007 Lacs

Minor Improvement

Initial Rectification

5th Year Periodic Renewal

Total Maintenance Cost → 28.099 Lacs

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

Other Cost:

Emergent Cost → 37.216 Lacs

Contingency Cost → 2.481 Lacs

Administrative Cost → 5.582 Lacs

Total → 293.385 Lacs

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

Ref. SE letter No.....dt.....

Technically Approved for Rs. 293.385 Lacs

(Rupees..Two..crore..Ninety..three..Lacs..

..thirty..eight..thousand..five..hundred..

for construction work & 5 Years Maintenance)

Q. Singh
9/11/25

M. Kumar
E.E. 09/11/25

Tec. Secy.

Q. Singh
14/11/25

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : ITAHRI To RENDIBAR VIA DHAMNA										Road No : 1											
Section From :		Up	↑	ITAHRI	To	Station No : 1															
		Down	↓	RENDIBAR VIA DHAMNA	To	RENDIBAR VIA DHAMNA															
Location Km :		3.500 Km										23 - 12 - 2024									
												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		Bullock Cart	Num. Tyred					
6.00 AM - 12.00 PM	52	0	21	2	2	10	2	1	10	21		0	1	0	166						
12.00 PM - 6.00 PM	26	0	32	3	0	8	1	0	8	12		1	0	1	132						
6.00 PM - 6.00 AM	35	1	25	0	1	9	1	0	9	9		0	0	0	121						
			</																		