

Project ID- 10502302213



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 :-	Gurua
NAME OF ROAD :-	L110-T07 To AZAD BIGHA (VR79)		
TOTAL LENGTH OF ROAD.	=	2.190 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	2.190 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 81.025 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 36.998 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 18.728 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 18.205 Lacs	
TOTAL PROJECT COST	=	Rs. 117.957 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 L110-T07

to AZAD BICHA A/D701

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 :-

[Signature]
11/11/2025

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 L110-T07

to AZAD BIGHA (VR79)

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 में 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 Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:--, Gurua

District:- Gaya.

Construction Length Of Road:- 2.190 KM

Name Of Road:-- L110-T07 To AZAD BIGHA (VR79)

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 44.602 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 22.760 Lacs
	TOTAL ESTIMATED COST (1+2)	: 67.361 Lacs
	Labour Cess @1%	: 0.674 Lacs
	Add Seigniorage Fee @10%	: 0.630 Lacs
	Sub Total	: 68.665 Lacs
	GST @18%	: 12.360 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 81.025 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 15.549 Lacs
	Labour Cess @1%	: 0.155 Lacs
	Add Seigniorage Fee @10% .	: 0.166 Lacs
	Sub Total	: 15.871 Lacs
	GST @18%	: 2.857 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 18.728 Lacs
C	SUB TOTAL COST (A+B)	: 99.752 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 14.963 Lacs
E	Contingency @ 1% OF "C"	: 0.998 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 2.244 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 117.957 Lacs

[Signature]
Junior Engineer

[Signature]
Asstt. Engineer

[Signature]
Executive Engineer 12.01.25

[Signature]
Supervising Engineer
RWD
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—

117.957 lakhs

T.A. No.dt.

Ref. SE letter No.dt.

Technically Approved for Rs. 117.957 lakhs

(Rupees one crore seventeen lakh
 ninety five thousand seven hundred
 Only)

for construction work & 5 Years Maintenance

Q.E.S
 18/11/25

V. Kumar
 E. 18/11/25

Tec. Secy.

AD
 20/11/25

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : L110-T07 To AZAD BIGHA (VR79)										Road No : Station No : 1									
Section From : Up ↑ L110-T07 Down ↓ AZAD BIGHA (VR79)										To L110-T07 To AZAD BIGHA (VR79)									
Location Km : 2.190 Km										2 - 12 - 2024 24 Hours									
TIME	Two Wheeler	Three Wheeler Auto Rickshaw	Car/Jeeep/ Van/ Taxi	FAST MOVING VEHICLES				SLOW MOVING VEHICLES						Hourly PCU	Peak Hour PCU				
				Bus		LCV	TRUCK		Agei. Tractor		Cycle Rickshaw	Animal Drawn							
				Loaded	Un loaded		Loaded	Un loaded	With Trailer	Without Trailer		Bullock Cart	Num. Tyred						
6.00 AM - 12.00 PM	4	0	2	0	0	2	6	6	4	2	0	0	0	66					
12.00 PM - 6.00 PM	3	1	2	0	0	2	5	1	6	2	0	0	0	57					
6.00 PM - 6.00 AM	2	0	0	0	0	1	4	5	1	2	0	0	0	38					
Total	9	1	4	0	0	5	15.08	12	11	6	0								
PCU FACTOR	0.5	1	1	3	3	1.5	3	3	4.5	1.5	2	4	4	161					
Total PCU	4.5	1	4	0	0	7.5	45.24	36	49.5	9	0	0	0						