

Project ID:- 10502302135



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 :-	Amas
NAME OF ROAD :-	L053 - T01 To HARDASPUR (VR35)		
TOTAL LENGTH OF ROAD.	=	3.270 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	3.270 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 210.385 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 64.338 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 31.169 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 44.084 Lacs	
TOTAL PROJECT COST	=	Rs. 285.637 Lacs	

YEAR (2024 - 2025)

Submitted By :-
Executive Engineer
WD (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:- Amas के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L053 - T01

to HARDASPUR (VR35)

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 ।

A. Jaisan
04/11/25
n

संबंधित पदाधिकारी का नाम :-

04/11/25

पदनाम:- AE

पदस्थापन स्थल:-

Amas

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Amas के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L053 - T01

to HARDASPUR (VR35)

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

किया गया है ।

A. K. Singh
05/01/25
n

Deep
05.01.25

संबंधित पदाधिकारी का नाम :-

पदनाम:- Executive Engineer.

पदस्थापन स्थल:-

शेर्घाती

Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:-- Amas

District:- Gaya.

Construction Length Of Road:- 3.270 KM

Name Of Road:-- L053 - T01 To HARDASPUR (VR35)

Sl. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	134.278 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	40.946 Lacs
	TOTAL ESTIMATED COST (1+2)	175.224 Lacs
	Labour Cess @1%	1.752 Lacs
	Add Seigniorage Fee @10%	1.316 Lacs
	Sub Total	178.292 Lacs
	GST @18%	32.093 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	210.385 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	25.879 Lacs
	Labour Cess @1%	0.259 Lacs
	Add Seigniorage Fee @10% .	0.277 Lacs
	Sub Total	26.415 Lacs
	GST @18%	4.755 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	31.169 Lacs
C	SUB TOTAL COST (A+B)	241.554 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	36.233 Lacs
E	Contingency @ 1% OF "C"	2.416 Lacs
F	Administrative Cost @ 2.25% OF "C"	5.435 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	285.637 Lacs

A. K. Ray
09/01/25
Junior Engineer

Ch
09/01/25
Asstt. Engineer

Depe
04.01.25
Executive Engineer

4.01.2025
Superintending Engineer
Rural Works Department
Works Circle, Gaya

Total Construction Cost: 210,385 Lacs

Minor Improvement
Initial Rectification
5th Year Periodic Renewal

Total Maintenance Cost 31,169 Lacs
(1st, 2nd, 3rd, 4th, 6th & 7th)

Other Cost:

Emergent Cost 36,233 Lacs

Contingency Cost 2,416 Lacs

Administrative Cost 5,435 Lacs

Total 285,637 Lacs

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

Ref. SE No.dt.....

Technically Approved for Rs. 285.637 Lacs.

(Rupees Two crore eighty five Lacs sixty
three thousands seven hundred only)

for construction work & 5 Years Maintenance

9/11/25

E. 9/11/25

Tec. Secy.

14/11/25

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : L053 - T01 To HARDASPUR (VR35)										Road No : 1									
Section From :		Up	↑	L053 - T01	To	L053 - T01	Station No : 1												
		Down	↓	HARDASPUR (VR35)	To	HARDASPUR (VR35)													
Location Km :		3.270 Km				23 - 12 - 2024													
						24 Hours													
FAST MOVING VEHICLES										SLOW MOVING VEHICLES							Peak Hour PCU		
TIME	Two Wheeler	Three Wheeler Auto Rickshaw	Car/Jeeep/ Van/ Taxi	Bus		LCV	TRUCK		Agei. Tractor		Cycle Rickshaw	Animal Drawn		Hourly PCU					
				Loaded	Un loaded		Loaded	Un loaded	With Trailer	Without Trailer		Bullock Cart	Num. Tyred						
6.00 AM - 12.00 PM	36	0	25	1	0	25	5	5	21	12	0	0	0	238					
12.00 PM - 6.00 PM	36	0	32	0	1	11	6	6	15	12	1	1	0	213					
6.00 PM - 6.00 AM	25	2	24	1	1	32	8	5	12	25	0	1	0	240					