

Project ID:- 10502302133



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 :-	Sherghati
NAME OF ROAD :-	L052-T01 To SHERPUR (VR32)		
TOTAL LENGTH OF ROAD.	=	3.280 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	3.280 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 158.960 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 48.463 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 25.980 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 33.752 Lacs	
TOTAL PROJECT COST	=	Rs. 218.691 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: akenengineering120@gmail.com

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Sherghati के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L052-T01
to SHERPUR (VR32)

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
किया गया है ।

संबंधित पदाधिकारी का नाम :- V. P. Ma
30/12/2024

पदनाम:- AE

पदस्थापन स्थल:- Sherghati

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Sherghati के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L052-T01

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

किया गया है ।

संबंधित पदाधिकारी का नाम :-  30.12.24

पदनाम:- Executive Engineer.

पदस्थापन स्थल:- 

Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:-- Sherghati

District:- Gaya.

Construction Length Of Road:- 3.280 KM

Name Of Road:-- L052-T01 To SHERPUR (VR32)

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 101.855 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 29.811 Lacs
	TOTAL ESTIMATED COST (1+2)	: 131.667 Lacs
	Labour Cess @1%	: 1.317 Lacs
	Add Seigniorage Fee @10%	: 1.728 Lacs
	Sub Total	: 134.712 Lacs
	GST @18%	: 24.248 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 158.960 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 21.573 Lacs
	Labour Cess @1%	: 0.216 Lacs
	Add Seigniorage Fee @10% .	: 0.228 Lacs
	Sub Total	: 22.017 Lacs
	GST @18%	: 3.963 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 25.980 Lacs
C	SUB TOTAL COST (A+B)	: 184.940 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 27.741 Lacs
E	Contingency @ 1% OF "C"	: 1.849 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 4.161 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 218.691 Lacs

Junior Engineer

Asstt. Engineer

Executive Engineer

SE
Superintending Engineer
Rural Works Department
Works Circle, Gaya

ENGINEERING SERVICES

Total Construction Cost: → 158.960 Lacs

Minor Improvement
Initial Rectification
5th Year Periodic Renewal

Total Maintenance Cost → 25.980 Lacs
(1st, 2nd, 3rd, 4th, 6th & 7th):

Other Cost:

Emergent Cost → 27.741 Lacs

Contingency Cost → 1.849 Lacs

Administrative Cost → 4.161 Lacs

Total--

218.691 Lacs

T.A. No. dt.

Ref. SE letter No. dt.

Technically Approved for Rs. 218.691 Lacs

(Rupees... TWO... crore... eighteen... Lacs
... sixty... nine... Thousands one hundred... Only)

for construction work & 5 Years Maintenance

P. S. S.
9/1/25

V. Kumar
29/1/25
E.E.

Tec. Secy.

[Signature]
14/1/25
C.E.-2

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : L052-T01 To SHERPUR (VR32)										Road No : Station No : 1										
Section From : Up  L052-T01										To L052-T01										
Down  SHERPUR (VR32)										To SHERPUR (VR32)										
Location Km : 3.280 Km										24 - 12 - 2024 24 Hours										
FAST MOVING VEHICLES															SLOW MOVING VEHICLES					Peak Hour PCU
TIME	Two Wheeler	Three Wheeler Auto Rickshaw	Car//Jeep/ 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	52	0	25	1	1	25	1	3	10	15	0	0	0	190						
12.00 PM - 6.00 PM	63	0	32	1	1	32	0	2	9	14	0	0	0	198						
6.00 PM - 6.00 AM	45	1	26	0	0	26	5	5	15	10	0	0	0	216						