



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 :-	Barachatti
NAME OF ROAD :-	G.T Road To Sisiyatari To Phuguniyan.		
TOTAL LENGTH OF ROAD.	=	0.700 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	0.700 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 25.257 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 36.081 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 3.416 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 5.233 Lacs	
TOTAL PROJECT COST	=	Rs. 33.906 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
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प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Barachatti के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ G.T Road
To Sisiyatari to Phuguniyan.

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 ।

A. Jaisan
11/01/2025

संबंधित पदाधिकारी का नाम :-

पदनाम:- AE

पदस्थापन स्थल:-

blue
11/01/2025

प्रमाण- पत्र

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किया गया है ।

A. Joya
11/01/25
Shrey
11/01/25
संबंधित पदाधिकारी का नाम :-

पदनाम:- Executive Engineer.

पदस्थापन स्थल:-

Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:-- Barachatti

District:- Gaya.

Construction Length Of Road:- 0.700 KM

Name Of Road:-- G.T Road To Sisiyatari To Phugunliyan.

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 19.606 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 1.263 Lacs
	TOTAL ESTIMATED COST (1+2)	: 20.869 Lacs
	Labour Cess @1%	: 0.209 Lacs
	Add Seigniorage Fee @10%	: 0.327 Lacs
	Sub Total	: 21.404 Lacs
	GST @18%	: 3.853 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 25.257 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 2.842 Lacs
	Labour Cess @1%	: 0.028 Lacs
	Add Seigniorage Fee @10% .	: 0.025 Lacs
	Sub Total	: 2.895 Lacs
	GST @18%	: 0.521 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 3.416 Lacs
C	SUB TOTAL COST (A+B)	: 28.673 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 4.301 Lacs
E	Contingency @ 1% OF "C"	: 0.287 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 0.645 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 33.906 Lacs

A. K. Ray
11/01/25
Junior Engineer

Shreyas
11/01/2025
Asstt. Engineer

Dee
11.01.25
Executive Engineer

Technically approved for Rs 33.906 lacs Thirty three
lacs ninety thousand six hundred only

SE
RWD

Board
11.01.25
Superintending Engineer
Rural Works Department
Works Circle, Gaya

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : G.T Road To Sisiyatari To Phuguniyan.										Road No : 1									
Section From :		Up	↑	G.T Road To Sisiyatari		To	G.T Road To Sisiyatari		Station No :		1								
		Down	↓	Phuguniyan.		To	Phuguniyan.		2 - 12 - 2024										
Location Km :		0.700 Km				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	2	0	1	0	0	1	5	5	2	1	2	0	0	45					
12.00 PM - 6.00 PM	1	0	1	0	0	1	4	1	4	1	1	0	0	38					
6.00 PM - 6.00 AM	1	0	0	0	0	1	3	4	0	1	1	0	0	25					
Total	4	0	2	0	0	3	11.96	10	6	3	4	0							
PCU FACTOR	0.5	1	1	3	3	1.5	3	3	4.5	1.5	0.5	2	4	108					
Total PCU	2	0	2	0	0	4.5	35.88	30	27	4.5	2	0	0						