



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 :-	L031-T01 To BILAUTI (VR11)		
TOTAL LENGTH OF ROAD.	=	2.490 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	2.490 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 112.582 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 45.214 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 20.277 Lacs	
EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 24.247 Lacs	
TOTAL PROJECT COST	=	Rs. 157.106 Lacs	
YEAR (2024 - 2025)			

Submitted By :-

Executive Engineer

WD (w) Division, Sherghati

Gaya.

Prepared By:

A.K. ENGINEERING SERVICES.

Darna Road, Mahunwan

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प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Gurua के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L031-T01
to BILAUTI (VR11)

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:-

V. M. /
11/11/2023

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किया गया है ।

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:- 2.490 KM

Name Of Road:-- L031-T01 To BILAUTI (VR11)

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	73.349 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	19.842 Lacs
	TOTAL ESTIMATED COST (1+2)	93.191 Lacs
	Labour Cess @1%	0.932 Lacs
	Add Seigniorage Fee @10%	1.285 Lacs
	Sub Total	95.408 Lacs
	GST @18%	17.174 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	112.582 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	16.855 Lacs
	Labour Cess @1%	0.169 Lacs
	Add Seigniorage Fee @10% .	0.161 Lacs
	Sub Total	17.184 Lacs
	GST @18%	3.093 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	20.277 Lacs
C	SUB TOTAL COST (A+B)	132.859 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	19.929 Lacs
E	Contingency @ 1% OF "C"	1.329 Lacs
F	Administrative Cost @ 2.25% OF "C"	2.989 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	157.106 Lacs

Junior Engineer

Asstt. Engineer

Executive Engineer

Superintending Engineer
RWD
Rural Works Department
Works Circle Gaya

ENGINEERING SERVICES

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 ---

157. 106 lacs

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

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

Technically Approved for Rs. 157.106 lacs

(Rupees one crore fifty seven lacs
ten thousand six hundred) Only

for construction work & 5 Years Maintenance

Piyush
 18/11/25

E.E.
 18/11/25

Tec. Secy.

20/11/25

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : L031-T01 To BILAUTI (VR11)															Road No : 1														
Section From : Up ↑ L031-T01															Station No : 1														
Down ↓ BILAUTI (VR11)															To BILAUTI (VR11)														
Location Km : 2.490 Km															3 - 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	5	0	3	0	0	2	7	6	5	3	0	0	0	76															
12.00 PM - 6.00 PM	4	1	2	0	0	2	5	2	7	3	0	0	0	67															
6.00 PM - 6.00 AM	2	0	0	0	0	2	4	6	1	2	0	0	0	43															
Total	11	1	5	0	0	6	15.8	14	13	8	0																		
PCU FACTOR	0.5	1	1	3	3	1.5	3	3	4.5	1.5	2	4	4	186															
Total PCU	5.5	1	5	0	0	9	47.4	42	58.5	12	0	0	0																