

Project ID- 10502302083



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 :-	Gurua
NAME OF ROAD :-		L027-T01 To KHUTAHA (VR7)		
TOTAL LENGTH OF ROAD.		=	1.890 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD		=	1.890 Km	
TOTAL COST OF CONSTRUCTION.		=	Rs. 80.538 Lacs	
COST OF ROAD CONSTRUCTION PER KM		=	Rs. 42.613 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).		=	Rs. 16.692 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)		=	Rs. 17.745 Lacs	
TOTAL PROJECT COST		=	Rs. 114.975 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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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 L027-TO1
to KHUTAHA (VR7)

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
किया गया है ।

संबंधित पदाधिकारी का नाम :- 

पदनाम:- AE

पदस्थापन स्थल:-

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Gurua के अधीन

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प्राक्कलन में कृत प्रावधान स्थल के अनुरूप है जिसमें विशेषतः सघन

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

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.

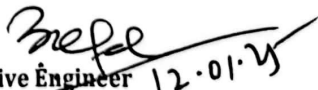
Construction Length Of Road:- 1.890 KM

Name Of Road:-- L027-TO1 To KHUTAHA (VR7)

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	47.207 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	19.624 Lacs
	TOTAL ESTIMATED COST (1+2)	66.831 Lacs
	Labour Cess @1%	0.668 Lacs
	Add Seigniorage Fee @10%	0.753 Lacs
	Sub Total	68.252 Lacs
	GST @18%	12.285 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	80.538 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	13.864 Lacs
	Labour Cess @1%	0.139 Lacs
	Add Seigniorage Fee @10% .	0.144 Lacs
	Sub Total	14.146 Lacs
	GST @18%	2.546 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	16.692 Lacs
C	SUB TOTAL COST (A+B)	97.230 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	14.585 Lacs
E	Contingency @ 1% OF "C"	0.972 Lacs
F	Administrative Cost @ 2.25% OF "C"	2.188 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	114.975 Lacs


Junior Engineer


Asstt. Engineer


Executive Engineer


Superintending Engineer
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 —

114.975 Lacs

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

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

Technically Approved for Rs. 114.975 Lacs

(Rupees One crore fourteen Lacs
Ninety seven Thousands five hundred
Only)

for construction work & 5 Years Maintenance

16/11/25

18/11/25

Tec. Secy.

18/11/25

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : L027-T01 To KHUTAHA (VR7)										Road No : 1																					
Section From :		Up	↑	L027-T01		To		L027-T01		To		KHUTAHA (VR7)		To		KHUTAHA (VR7)															
		Down	↓	KHUTAHA (VR7)		1.890 Km		3 - 12 - 2024				24 Hours																			
Location Km :																															
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		0	3	7	6	5	3	0	0	0	0	78															
12.00 PM - 6.00 PM		4		1		3	2	5	2	7	3	0	0	0	0	68															
6.00 PM - 6.00 AM		3		0		0	2	4	6	1	3	0	0	0	0	45															
Total		12		1		6	7	15.88	14	13	9	0																			
PCU FACTOR		0.5		1		1	1.5	3	3	4.5	1.5	2	4	4																	
Total PCU		6		1		6	10.5	47.64	42	58.5	13.5	0	0	0		191															