



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 :-	L128-NH To RAHMAN DIH (BR-12R-1003)		
TOTAL LENGTH OF ROAD.	=	1.150 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	1.150 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 41.492 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 36.080 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 6.717 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 8.798 Lacs	
TOTAL PROJECT COST	=	Rs. 57.008 Lacs	
YEAR (2024 - 2025)			

Submitted By :-

Executive Engineer

RWD (w) Division, Sherghati

Gaya.

Prepared By:

A.K. ENGINEERING SERVICES.

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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 L128-NH
to RAHMAN DIH (BR-12R-1003)

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

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L128-NH

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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:- 1.150 KM

Name Of Road:-- L128-NH To RAHMAN DIH (BR-12R-1003)

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 29.039 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 5.318 Lacs
	TOTAL ESTIMATED COST (1+2)	: 34.357 Lacs
	Labour Cess @1%	: 0.344 Lacs
	Add Seigniorage Fee @10%	: 0.462 Lacs
	Sub Total	: 35.163 Lacs
	GST @18%	: 6.329 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 41.492 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 5.581 Lacs
	Labour Cess @1%	: 0.056 Lacs
	Add Seigniorage Fee @10% .	: 0.056 Lacs
	Sub Total	: 5.693 Lacs
	GST @18%	: 1.025 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 6.717 Lacs
C	SUB TOTAL COST (A+B)	: 48.209 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 7.231 Lacs
E	Contingency @ 1% OF "C"	: 0.482 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 1.085 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 57.008 Lacs

[Signature]
Junior Engineer

[Signature]
Asstt. Engineer

[Signature]
Executive Engineer

Technically Approved Rs 57.008 Lacs (Fifty seven ~~lacs~~ Lacs Eight hundred only)

SE
RWD

[Signature]
12.01.25
Superintending Engineer
Rural Works Department
Works Circle, Gaya

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : L128-NH To RAHMAN DIH (BR-12R-1003)														Road No : 1													
Section From :		Up	↑	L128-NH		To		L128-NH		Station No :		1															
		Down	↓	RAHMAN DIH (BR-12R-1003)		To		RAHMAN DIH (BR-12R-1003)		3 - 12 - 2024		24 Hours															
Location Km :		1.150 Km																									
FAST MOVING VEHICLES														SLOW MOVING VEHICLES													
TIME	Two Wheeler	Three Wheeler Auto Rickshaw	Car/Jeeep/ Van/ Taxi	Bus		LCV	TRUCK		Agei. Tractor		Cycle Rickshaw	Animal Drawn		Hourly PCU	Peak Hour PCU												
				Loaded	Un loaded		Loaded	Un loaded	With Trailer	Without Trailer		Bullock Cart	Num. Tyred														
6.00 AM - 12.00 PM	4	0	3	0	0	2	7	6	4	3	4	0	0	70													
12.00 PM - 6.00 PM	3	1	2	0	0	2	5	2	7	3	3	0	0	66													
6.00 PM - 6.00 AM	2	0	0	0	0	2	4	6	1	2	3	0	0	43													

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : Section From : Location Km :		L128-NH To RAHMAN DIH (BR-12R-1003) Up L128-NH Down RAHMAN DIH (BR-12R-1003) 1.150 Km		Road No : Station No : 4 - 12 - 2024 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
				Mini	Full			Loaded	Un loaded	With Trailer		Without Trailer		Bullock Cart
6.00 AM - 12.00 PM	3	0	2	0	0	1	2	1	3	5	0	0	0	37
12.00 PM - 6.00 PM	2	1	1	0	0	1	1	1	2	6	0	0	0	30
6.00 PM - 6.00 AM	1	0	0	0	0	1	1	2	5	3	0	0	0	39
Total	6	1	3	0	0	3	4	4	10	14	0			
PCU FACTOR	0.5	1	1	3	3	1.5	3	3	4.5	1.5	2	4	4	105
Total PCU	3	1	3	0	0	4.5	12	12	45	21	0	0	0	