



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 :-	Dobhi

NAME OF ROAD :-

L052-T01 To GHATERIYA (VR27)

TOTAL LENGTH OF ROAD. = 0.790 Km

TOTAL CONSTRUCTION LENGTH OF ROAD = 0.790 Km

TOTAL COST OF CONSTRUCTION. = Rs. 31.513 Lacs

COST OF ROAD CONSTRUCTION PER KM = Rs. 39.890 Lacs

TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M). = Rs. 6.674 Lacs

(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%) = Rs. 6.969 Lacs

TOTAL PROJECT COST = Rs. 45.156 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:- Dobhi के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L052-T01 to

CHATEAIVA (A/D27)

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

A. Kumar
30/12/2024
a

संबंधित पदाधिकारी का नाम :-


30/12/24

पदनाम:- AE

पदस्थापन स्थल:-



प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

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

A. Kumar
30/12/24
or

संबंधित पदाधिकारी का नाम :-

पदनाम:- Executive Engineer.

पदस्थापन स्थल:-

Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:- Dobhi

District:- Gaya.

Construction Length Of Road:- 0.790 KM

Name Of Road:- L052-T01 To GHATERIYA (VR27)

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS.	19.259 Lacs
2	5TH YEAR PERIODIC RENEWAL COST.	6.874 Lacs
	TOTAL ESTIMATED COST (1+2)	26.133 Lacs
	Labour Cess @1%	0.261 Lacs
	Add Seigniorage Fee @10%	0.311 Lacs
	Sub Total	26.706 Lacs
	GST @18%	4.807 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	31.513 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION.	5.547 Lacs
	Labour Cess @1%	0.055 Lacs
	Add Seigniorage Fee @10%.	0.053 Lacs
	Sub Total	5.656 Lacs
	GST @18%	1.018 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	6.674 Lacs
C	SUB TOTAL COST (A+B)	38.187 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	5.728 Lacs
E	Contingency @ 1% OF "C"	0.382 Lacs
F	Administrative Cost @ 2.25% OF "C"	0.859 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	45.156 Lacs

A. Kumar
30/12/24
Junior Engineer

C. P. Singh
30/12/24
Asstt. Engineer

Repe
30.12.24
Executive Engineer

Technically approved on Rs 45.156 lacs.
(Forty five lacs fifteen thousand six hundred only)

SE

RWD

Superintending Engineer

Department

Gaya

ENGINEERING SERVICES

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name :	L052-T01 To GHATERIYA (VR27)				Road No :		
Section From :	Up	↑	L052-T01	To	L052-T01	Station No :	1
	Down	↓	GHATERIYA (VR27)	To	GHATERIYA (VR27)		
Location Km :	0.790 Km				23 - 12 - 2024		
					24 Hours		

FAST MOVING VEHICLES															SLOW MOVING VEHICLES						Hourly PCU	Peak Hour PCU
TIME	Two Wheeler	Three Wheeler Auto Rickshaw	Car/Jeep/ Van/ Taxi	Bus		LCV	TRUCK		Agei. Tractor		Cycle	Cycle Rickshaw	Animal Drawn		Cycle Rickshaw							
				Loaded	Un loaded		Loaded	Un loaded	With Trailer	Without Trailer			Bullock Cart	Num. Tyred								
6.00 AM - 12.00 PM	26	1	10	0	0	10	1	5	2	12	21	1	0	0		97						
12.00 PM - 6.00 PM	32	1	15	0	0	9	0	5	2	14	25	0	1	0		107						
6.00 PM - 6.00 AM	24	2	12	0	0	11	1	6	6	10	23	2	0	0		121						
Total	82	4	37	0	0	30	2	16	10	36	69	3										
PCU FACTOR	0.5	1	1	3	3	1.5	3	3	4.5	1.5	0.5	2	4	4		321						
Total PCU	41	4	37	0	0	45	6	48	45	54	34.5	6	0	0								