



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 :-	L036-L021 To DHAB (VR16)		
TOTAL LENGTH OF ROAD.	=	0.710 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	0.710 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 38.795 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 54.641 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 5.541 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 8.091 Lacs	
TOTAL PROJECT COST	=	Rs. 52.428 Lacs	

YEAR (2024 - 2025)

Submitted By :-

Executive Engineer

(WD (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 L036-L021

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

संबंधित पदाधिकारी का नाम :-

पदनाम:- AE

पदस्थापन स्थल:-

A. K. Singh
30/11/2024

30/11/24

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Dobhi के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L036-L021

to DHAB (VR16)

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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
30/12/24
82

संबंधित पदाधिकारी का नाम :-

पदनाम:- Executive Engineer.

पदस्थापन स्थल:-

30/12/24

Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:--, Dobhi

District:- Gaya.

Construction Length Of Road:- 0.710 KM

Name Of Road:-- L036-L021 To DHAB (VR16)

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 26.046 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 6.185 Lacs
	TOTAL ESTIMATED COST (1+2)	: 32.231 Lacs
	Labour Cess @1%	: 0.322 Lacs
	Add Seigniorage Fee @10%	: 0.324 Lacs
	Sub Total	: 32.877 Lacs
	GST @18%	: 5.918 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 38.795 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 4.602 Lacs
	Labour Cess @1%	: 0.046 Lacs
	Add Seigniorage Fee @10% .	: 0.048 Lacs
	Sub Total	: 4.696 Lacs
	GST @18%	: 0.845 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 5.541 Lacs
C	SUB TOTAL COST (A+B)	: 44.337 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 6.650 Lacs
E	Contingency @ 1% OF "C"	: 0.443 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 0.998 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 52.428 Lacs

A. Kumar
30/12/24
Junior Engineer

(Signature)
30/12/24
Asstt. Engineer

(Signature)
30/12/24
Executive Engineer

*Technically Approved for Rs. 52.428 Lacs
(Fifty Two Lacs Forty Two thousand eight hundred only.)*

SE *(Signature)*
RWD 30/12/24

Superintending Engineer
Rural Works Department
Muzaffarpur Circle, Gaya

ENGINEERING SERVICES

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : L036-L021 To DHAB (VR16)				Road No : 1												
Section From :		Up	↑	L036-L021	To	L036-L021										
		Down	↓	DHAB (VR16)	To	DHAB (VR16)										
Location Km : 0.710 Km				26 - 12 - 2024												
				24 Hours												
FAST MOVING VEHICLES								SLOW MOVING VEHICLES						Hourly PCU	Peak Hour PCU	
TIME	Two Wheeler	Three Wheeler Auto Rickshaw	Car/Jeeep/ Van/ Taxi	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	15	0	9	1	0	14	0	1	2	1	25	1	0	0	69	
12,00 PM - 6,00 PM	11	2	5	0	1	10	1	0	5	2	32	0	0	0	75	
6,00 PM - 6,00 AM	10	0	6	1	0	5	0	1	2	2	25	1	0	0	51	
Total	36	2	20	2	1	29	1	2	9	5	82	2				
PCU FACTOR	0.5	1	1	3	3	1.5	3	3	4.5	1.5	0.5	2	4	4	195	
Total PCU	18	2	20	6	3	43.5	3	6	40.5	7.5	41	4	0	0		