

Project ID:- 10502302153



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 :-	Dobhi
NAME OF ROAD :-	L069 - T02 To AUNRWADOHAR (VR44)		
TOTAL LENGTH OF ROAD.	=	1.480 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	1.480 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 87.142 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 58.880 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 13.671 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 18.398 Lacs	
TOTAL PROJECT COST	=	Rs. 119.212 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

MOB: +91 7739181616

E-MAIL: akengineering120@gmail.com

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Dobhi के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L069 - T02
to AUNRWADOHAR (VR44)

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 में Cement Concrete Pavement(यदि लागू हो)

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

किया गया है ।

A. Muray
04/01/25
R

संबंधित पदाधिकारी का नाम :-

पदनाम:- AE

पदस्थापन स्थल:-

[Signature]
04/01/25

[Signature]

प्रमाण- पत्र

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प्रमंडल Sherghati प्रखंड:- Dobhi के अधीन

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

किया गया है ।

A. Muray
09/01/25

संबंधित पदाधिकारी का नाम :-

04.01.25

पदनाम:- Executive Engineer.

पदस्थापन स्थल:-

शेरघाटी

Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:-- Dobhi

District:- Gaya.

Construction Length Of Road:- 1.480 KM

Name Of Road:-- L069 - T02 To AUNRWADOHAR (VR44)

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 55.153 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 17.164 Lacs
	TOTAL ESTIMATED COST (1+2)	: 72.317 Lacs
	Labour Cess @1%	: 0.723 Lacs
	Add Seigniorage Fee @10%	: 0.809 Lacs
	Sub Total	: 73.849 Lacs
	GST @18%	: 13.293 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 87.142 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 11.352 Lacs
	Labour Cess @1%	: 0.114 Lacs
	Add Seigniorage Fee @10% .	: 0.120 Lacs
	Sub Total	: 11.586 Lacs
	GST @18%	: 2.085 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 13.671 Lacs
C	SUB TOTAL COST (A+B)	: 100.813 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 15.122 Lacs
E	Contingency @ 1% OF "C"	: 1.008 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 2.268 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 119.212 Lacs

A. Kumar
04/01/25
Junior Engineer

Ch
04/01/25
Asstt. Engineer

Dele
04.01.25
Executive Engineer

Superintending Engineer
4.01.2025
Rural Works Department
Works Circle

Total Construction Cost: → 87.142 Lacs

Minor Improvement
Initial Rectification
5th Year Periodic Renewal

Total Maintenance Cost → 13.671 Lacs
(1st, 2nd, 3rd, 4th, 6th & 7th):

Other Cost:

Emergent Cost → 15.122 Lacs

Contingency Cost → 1.008 Lacs

Administrative Cost → 2.268 Lacs

Total → 119.212 Lacs

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

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

Technically Approved for Rs. 119.212 Lacs.

(Rupees one crore nineteen lacs twenty
one thousands two hundred) Only
for construction work & 5 Years Maintenance

Pray
9/11/25

Vinod
E. 6/11/25

Tec. Secy.

AN
C.E. 7/11/25

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : L069 - T02 To AUNRWADOHAR (VR44)												Road No : 1											
Section From :		Up	↑	L069 - T02		To		L069 - T02		Station No : 1													
		Down	↓	AUNRWADOHAR (VR44)		To		AUNRWADOHAR (VR44)		26 - 12 - 2024													
Location Km :		1.480 Km										24 Hours											
FAST MOVING VEHICLES																							
TIME	Two Wheeler	Three Wheeler Auto Rickshaw	Car/Jeeep/ Van/ Taxi	Bus		LCV	TRUCK		Agei. Tractor		Cycle Rickshaw	SLOW MOVING VEHICLES			Hourly PCU	Peak Hour PCU							
				Loaded	Un loaded		Loaded	Un loaded	With Trailer	Without Trailer		Bullock Cart	Animal Drawn	Num. Tyred									
6.00 AM - 12.00 PM	23	0	12	1	1	26	12	5	21	15	1	35	1	1	264								
12.00 PM - 6.00 PM	25	0	11	0	1	25	14	6	12	21	0	36	0	1	232								
6.00 PM - 6.00 AM	24	0	10	0	2	21	11	9	11	21	1	26	1	0	220								
Total	72	0	33	1	4	72	37	20	44	57	2	97	2										
PCU FACTOR	0.5	1	1	3	3	1.5	3	3	4.5	1.5	2	0.5	2	4	699								
Total PCU	36	0	33	3	12	108	111	60	198	85.5	4	48.5	4	0									
SLOW MOVING VEHICLES																							