

Project ID:- 10502302109

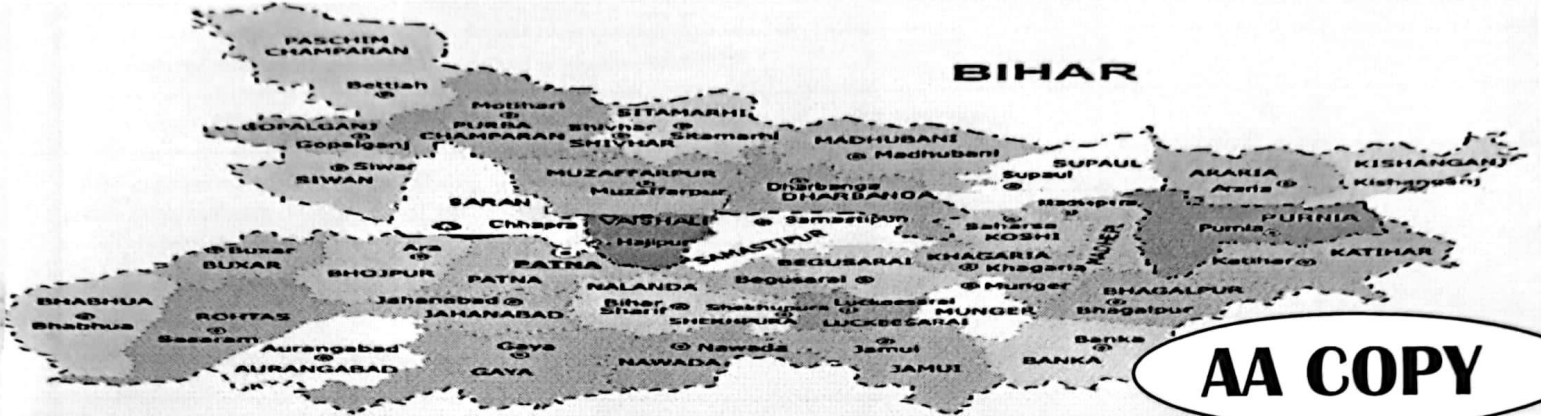


ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)



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DETAILED PROJECT REPORT

STATE :-	Bihar	DISTRICT :-	Gaya.
DIVISION :-	Sherghati	BLOCK :-	Sherghati

NAME OF ROAD :-

L042-T01 To TETARIA (VR22)

TOTAL LENGTH OF ROAD = 3.640 Km

TOTAL CONSTRUCTION LENGTH OF ROAD = 3.640 Km

TOTAL COST OF CONSTRUCTION = Rs. 154.727 Lacs

COST OF ROAD CONSTRUCTION PER KM = Rs. 42.507 Lacs

TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M). = Rs. 30.628 Lacs

(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%) = Rs. 33.827 Lacs

TOTAL PROJECT COST = Rs. 219.182 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:- Sherghati के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L042-T01

to TETARIA (VR22)

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
किया गया है ।

संबंधित पदाधिकारी का नाम :-  30/12/2024

पदनाम:- AE

पदस्थापन स्थल:- Sherghati

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Sherghati के अधीन

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to TETARIA (VR22)

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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 ।

संबंधित पदाधिकारी का नाम :-  30.12.24

पदनाम:- Executive Engineer.

पदस्थापन स्थल:-

Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:--, Sherghati

District:- Gaya.

Construction Length Of Road:- 3.640 KM

Name Of Road:-- L042-T01 To TETARIA (VR22)

Sl. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 94.534 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 33.773 Lacs
	TOTAL ESTIMATED COST (1+2)	: 128.307 Lacs
	Labour Cess @1%	: 1.283 Lacs
	Add Seigniorage Fee @10%	: 1.534 Lacs
	Sub Total	: 131.124 Lacs
	GST @18%	: 23.602 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 154.727 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 25.445 Lacs
	Labour Cess @1%	: 0.254 Lacs
	Add Seigniorage Fee @10% .	: 0.257 Lacs
	Sub Total	: 25.956 Lacs
	GST @18%	: 4.672 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 30.628 Lacs
C	SUB TOTAL COST (A+B)	: 185.355 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 27.803 Lacs
E	Contingency @ 1% OF "C"	: 1.854 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 4.170 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 219.182 Lacs


Junior Engineer


Asstt. Engineer


Executive Engineer


SE
Superintending Engineer
Rural Works Department,
Works Circle, Gaya

ENGINEERING SERVICES

Total Construction Cost: → 154.727 Lacs

Minor Improvement
Initial Rectification
5th Year Periodic Renewal

Total Maintenance Cost → 30.628 Lacs
(1st, 2nd, 3rd, 4th, 6th & 7th):

Other Cost: → 27.803 Lacs
Emergent Cost → 1.854 Lacs
Contingency Cost → 4.170 Lacs
Administrative Cost → 4.170 Lacs

Total → 219.182 Lacs

T.A. No. dt.

Ref. SE letter no. dt.

Technically Approved for Rs. 219.182 Lacs.

(Rupees Two crore nineteen Lacs eighteen
thousands two hundred) Only

for construction work & 5 Years Maintenance

Prage
9/11/25

Humar
9/11/25

E.E. Tec. Secy.

9/11/25
C.E.-4

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : L042-T01 To TETARIA (VR22)										Road No : 1									
Section From :		Up	↑	L042-T01	To		L042-T01		Station No :		1								
		Down	↓	TETARIA (VR22)	To		TETARIA (VR22)		26 - 12 - 2024		24 Hours								
Location Km :		3.640 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	23	21	12	1	2	32	5	1	21	8	25	1	0	241					
12.00 PM - 6.00 PM	26	23	14	0	1	36	1	2	10	12	23	0	1	195					
6.00 PM - 6.00 AM	23	26	15	1	0	25	2	2	12	11	10	0	0	181					
						</													