



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 :-	Gurua
NAME OF ROAD :-	Bartalla More To Panchayat Sarkar Bhawan Mahuadih.		
TOTAL LENGTH OF ROAD.	=	1.000 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	1.000 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 43.027 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 43.027 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 4.405 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 8.656 Lacs	
TOTAL PROJECT COST	=	Rs. 56.088 Lacs	
YEAR (2024 - 2025)			

Submitted By :-

Executive Engineer

WD (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 Bartalla

More to Panchayat Sarkar Bhawan Mahuadih.

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 :- 11.11/12
12.1.2025

पदनाम:- AE

पदस्थापन स्थल:-

प्रमाण- पत्र

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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:- 1.000 KM

Name Of Road:-- Bartalla More To Panchayat Sarkar Bhawan Mahuadih.

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 33.731 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 1.804 Lacs
	TOTAL ESTIMATED COST (1+2)	: 35.535 Lacs
	Labour Cess @1%	: 0.355 Lacs
	Add Seigniorage Fee @10%	: 0.573 Lacs
	Sub Total	: 36.463 Lacs
	GST @18%	: 6.563 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 43.027 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 3.661 Lacs
	Labour Cess @1%	: 0.037 Lacs
	Add Seigniorage Fee @10% .	: 0.035 Lacs
	Sub Total	: 3.733 Lacs
	GST @18%	: 0.672 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 4.405 Lacs
C	SUB TOTAL COST (A+B)	: 47.431 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 7.115 Lacs
E	Contingency @ 1% OF "C"	: 0.474 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 1.067 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 56.088 Lacs

W/h
12.1.2025
Junior Engineer

W/h
12.1.2025
Asstt. Engineer

W/h
12.01.25
Executive Engineer

Technically Approved Rs 56.088 Lacs (Fifty six lacs eight thousand eight hundred only)

W/h
12.01.2025
SE
RWD
Superintending Engineer
Rural Works Department
Works Circle, Gaya

ENGINEERING SERVICES

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name :	Bartalla More To Panchayat Sarkar Bhawan Mahuadih.				Road No :	
Section From :	Up	Bartalla More	To	Bartalla More	Station No :	1
	Down	Panchayat Sarkar Bhawan Mahuadih.	To	Panchayat Sarkar Bhawan Mahuadih.		
Location Km :	1.000 Km				1 - 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															
				Loaded	Un loaded		Loaded	Un loaded	With Trailer	Without Trailer	Cycle Rickshaw	Bullock Cart	Animal Drawn Num. Tyred											
6.00 AM - 12.00 PM	2	0	1	0	0	1	5	2	1	6	12	0	0	0	45									
12.00 PM - 6.00 PM	2	0	1	0	0	1	4	3	2	5	25	0	0	0	54									
6.00 PM - 6.00 AM	1	0	0	0	0	1	4	2	1	6	24	0	0	0	46									
Total	5	0	2	0	0	3	13.2	7	4	17	61	0												
PCU FACTOR	0.5	1	1	3	3	1.5	3	3	4.5	1.5	0.5	2	4	4	144									
Total PCU	2.5	0	2	0	0	4.5	39.6	21	18	25.5	30.5	0	0	0										