



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 :-	Amas
NAME OF ROAD :-	PMGSY Road Patej more To Bankat Via Dhibra		
TOTAL LENGTH OF ROAD.	=	2.360 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	2.360 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 130.526 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 55.308 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 22.992 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 28.017 Lacs	
TOTAL PROJECT COST	=	Rs. 181.535 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:- Amas के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ PMGSY

Road Patej more to Bankat Via Dhibra

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. Laxan
04/07/28
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संबंधित पदाधिकारी का नाम :-

पदनाम:- AE

पदस्थापन स्थल:-

04/07/28

माम

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Amas के अधीन

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

किया गया है ।

A. Kumar
09/01/25
A

Repe
04.01.25

संबंधित पदाधिकारी का नाम :-

पदनाम:- Executive Engineer.

पदस्थापन स्थल:-

श्रीरामपुरी

Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:-, Amas

District:- Gaya.

Construction Length Of Road:- 2.360 KM

Name Of Road:- PMGSY Road Patej more To Bankat Via Dhibra

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 81.419 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 26.665 Lacs
	TOTAL ESTIMATED COST (1+2)	: 108.084 Lacs
	Labour Cess @1%	: 1.081 Lacs
	Add Seigniorage Fee @10%	: 1.451 Lacs
	Sub Total	: 110.616 Lacs
	GST @18%	: 19.911 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 130.526 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 19.107 Lacs
	Labour Cess @1%	: 0.191 Lacs
	Add Seigniorage Fee @10% .	: 0.186 Lacs
	Sub Total	: 19.485 Lacs
	GST @18%	: 3.507 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 22.992 Lacs
C	SUB TOTAL COST (A+B)	: 153.518 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 23.028 Lacs
E	Contingency @ 1% OF "C"	: 1.535 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 3.454 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 181.535 Lacs

A. Kumar
09/01/28

Junior Engineer

Chd
04/01/25

Asstt. Engineer

Rege
04.01.28

Executive Engineer

Supriya
4.01.2025
SuperSE nding Engineer
Rural Works Department
Works Circle, Gaya

Total Construction Cost:	→ 130,528	Lacs
Minor Improvement	}	
Initial Rectification		
5th Year Periodic Renewal		
Total Maintenance Cost	→ 22,992	Lacs
(1st, 2nd, 3rd, 4th, 6th & 7th):		
Other Cost:		
Emergent Cost	→ 23,028	Lacs
Contingency Cost	→ 1,535	Lacs
Administrative Cost	→ 3,454	Lacs
Total---	181,535	Lacs

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

Ref. SE letter no.....dt.....

Technically Approved for Rs. 181,535 Lacs..

(Rupees One crore eighty one Lacs Fifty
three thousands five hundred...) Only

for construction work & 5 Years Maintenance

Pras
9/11/25

Munee
9/11/25

E.E.

Tec. Secy.

Pras
9/11/25

E.E.

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : PMGSY Road Patej more To Bankat Via Dhibra										Road No : 1									
Section From :		Up	↑	PMGSY Road Patej more		To	PMGSY Road Patej more		Station No :		1								
Location Km :		Down	↓	Bankat Via Dhibra		To	Bankat Via Dhibra		26 - 12 - 2024		24 Hours								
				2.360 Km															
TIME	Two Wheeler	Three Wheeler Auto Rickshaw	Car/Jeeep/ Van/ Taxi	FAST MOVING VEHICLES			SLOW MOVING VEHICLES					Hourly PCU	Peak Hour PCU						
				Loaded	Un loaded	Bus	LCV	TRUCK		Agei. Tractor				Cycle Rickshaw	Animal Drawn	Bullock Cart	Num. Tyred		
6.00 AM - 12.00 PM	32	0	10	0	1	10	2	5	12	25	0	0	0	169					
12.00 PM - 6.00 PM	26	1	9	1	1	11	3	3	25	32	0	0	0	240					
6.00 PM - 6.00 AM	32	2	6	0	0	21	2	2	21	21	0	0	0	206					