

Project ID:- 10502302025

(1307)



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 :-	Sherghati
NAME OF ROAD :-	Sherghati To Sondiha		
TOTAL LENGTH OF ROAD.	=	3.920 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	3.670 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 232.494 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 63.350 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 27.912 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 47.524 Lacs	
TOTAL PROJECT COST	=	Rs. 307.930 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 Sherghati to
Sondiha

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 मे 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 :- V. P. W. 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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एवं Traffic की गणना के आधार पर BM (यदि लागू हो) का प्रावधान

किया गया है ।

संबंधित पदाधिकारी का नाम :-

पदनाम:- Executive Engineer.

पदस्थापन स्थल:-

Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:-- Sherghati

District:- Gaya.

Construction Length Of Road:- 3.670 KM

Name Of Road:-- Sherghati To Sondiha

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 162.018 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 31.166 Lacs
	TOTAL ESTIMATED COST (1+2)	: 193.183 Lacs
	Labour Cess @1%	: 1.932 Lacs
	Add Seigniorage Fee @10%	: 1.914 Lacs
	Sub Total	: 197.029 Lacs
	GST @18%	: 35.465 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 232.494 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 23.177 Lacs
	Labour Cess @1%	: 0.232 Lacs
	Add Seigniorage Fee @10% .	: 0.245 Lacs
	Sub Total	: 23.654 Lacs
	GST @18%	: 4.258 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 27.912 Lacs
C	SUB TOTAL COST (A+B)	: 260.406 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 39.061 Lacs
E	Contingency @ 1% OF "C"	: 2.604 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 5.859 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 307.930 Lacs

(Signature)
30/12/2024

Junior Engineer

(Signature)
30/12/2024
Asstt. Engineer

(Signature)
30.12.24
Executive Engineer

SE
RWD
Superintending Engineer
Rural Works Department
Works Circle, Gaya

ENGINEERING SERVICES

Total Construction Cost: → 232,494 Lacs

Minor Improvement
Initial Rectification
5th Year Periodic Renewal

Total Maintenance Cost → 27,912 Lacs
(1st, 2nd, 3rd, 4th, 6th & 7th):

Other Cost:
Emergent Cost → 39,061 Lacs
Contingency Cost → 2,604 Lacs
Administrative Cost → 5,859 Lacs

307,430 Lacs

T.A. No. dt.

Ref. SE letter no. dt.

Technically Approved for Rs. 307,430 Lacs.

(Rupees... Three crore seven lacs forty
...three... thousand...) Only

for construction work & 5 Years Maintenance

Qays
9/11/25

V. J. J. J.
E.E. 11/11/25

Tec. Secy.

[Signature]
E.E. 11/11/25

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name :	Sherghati To Sondiha				Road No. : 1											
Section From :	Up	Sherghati	To	Sherghati	Station No. : 1											
	Down	Sondiha	To	Sondiha												
Location Km :	3.670 Km				26 - 12 - 2024											
					24 Hours											
FAST MOVING VEHICLES									SLOW MOVING VEHICLES					Peak Hour PCU		
TIME	Two Wheeler	Three Wheeler Auto Rickshaw	Car/Jeeep/ Van/ Taxi	Bus		LCV	TRUCK		Ageil. Tractor		Cycle	Cycle Rickshaw	Animal Drawn		Hourly PCU	
				Loaded	Un loaded		Loaded	Un loaded	With Trailer	Without Trailer			Bullock Cart	Num. Tyred		
6,00 AM - 12,00 PM	32	20	12	2	1	12	5	10	18	16	35	1	1	0	249	
12,00 PM - 6,00 PM	26	25	15	1	1	15	6	9	14	21	36	0	0	0	239	
6,00 PM - 6,00 AM	26	39	12	2	2	14	3	5	15	15	39	0	2	0	239	
Total	84	84	39	5	4	41	14	24	47	52	110	1				
PCU FACTOR	0.5	1	1	3	3	1.5	3	3	4.5	1.5	0.5	2	4	4	714	
Total PCU	42	84	39	15	12	61.5	42	72	211.5	78	55	2	0	0		