



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

Govt. of Bihar

YEAR 24-25

MUKHYA MANTRI GRAM SAMPRAK YOJNA, AWASHES (NDB)



Name of the Road :-

T01to gamhariya TO Nadian east tola

Survey ID	:	27057	
DISTRICT	:	Gaya	
DIVISION	:	Sherghati	
BLOCK	:	Gurua	
TOTAL LENGTH OF ROAD	:	1.500	KM
TOTAL COST OF CONSTRUCTION	:	82.123	Lac
COST OF ROAD CONSTRUCTION PER KM	:	54.749	Lac
SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	:	13.959	Lac
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%) .	:	17.535	Lac
LAND ACQUISITION COST.	:	0.000	Lac
TOTAL COST OF PROJECT.	:	113.618	Lac

SUBMITTED BY:-

PREPARED BY:-

EXECUTIVE ENGINEER
RWD (W) DIVISION Sherghati
Gaya

Prepared By:

A.K. ENGINEERING SERVICES.
Darna Road, Mahunwan
Hamzapur, Sherghati-824211
Mob: +91 7739181616

MUKHYA MANTRI GRAM SAMPRAK YOJNA, AWASHES (NDB)**YEAR 24-25****GENERAL ABSTRACT OF COST**Block:- **Gurua**District:- **Gaya**Length of Road:- **1.500 KM**Name of Road:- **T01to gamhariya TO Nadlan east tola**

SL. No.	Item of Work	Amount
1	CONSTRUCTION COST :	58.576 Lacs
2	5TH YEAR PERIODIC RENEWAL COST . :	8.552 Lacs
	TOTAL ESTIMATED COST (1+2) :	67.128 Lacs
	Add Labour Cess @ 1% :	0.671 Lacs
	Add Seigniorage Fee @ 10% on Material Cost only :	1.797 Lacs
	Sub Total :	69.596 Lacs
	Add GST @ 18% :	12.527 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A" :	82.123 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION . :	11.369 Lacs
	Add Labour Cess @ 1% :	0.114 Lacs
	Add Seigniorage Fee @ 10% on Material Cost only :	0.348 Lacs
	Sub Total :	11.830 Lacs
	Add GST @ 18% :	2.129 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B" :	13.959 Lacs
C	SUB TOTAL COST (A+B)	96.083 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C" :	14.412 Lacs
E	Contingency @ 1% OF "C" :	0.821 0.961 Lacs
F	Administrative Cost @ 2.25% OF "C" :	1.847 2.162 Lacs
G	Land acquisition :	0.000 Lacs
H	TOTAL PROJECT COST (C+D+E+F+G+H) :	98.750 113.618 Lacs

[Signature]
31.1.2025
Junior Engineer

[Signature]
11/2/2025
Asstt. Engineer

[Signature]
04.02.25
E. Engineer

SE
RWD

[Signature]
11.02.2025
Superintending Engineer
Rural Works Department
Works Circle, Gaya
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SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : T01to gamhariya TO Nadian east tola

DISTRICT Gaya
BLOCK Gurua
DIVISION Sherghati
LENGTH OF ROAD (in Km) 1.500
LENGTH OF BT PAVEMENT 600
LENGTH OF CC PAVEMENT 900
CD STRUCTURES
HUME PIPE 1
CC CULVERT 0
BOX CELL CULVERT 0
CAUSEWAY / MINOR BRIDGE 0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING	0.718
2	EARTHWORK	7.659
3	GSB GRADING - II	6.194
5	WBM GRADE II	5.104
5	WMM GRADE III	5.032
6	PRIME COAT	1.259
7	TACK COAT	0.433
8	MIX SEAL SURFACING WITH WASTE PLASTIC	4.690
9	PAVEMENT QUALITY CONCRETE.	19.785
10	Edging with 1st Class Bricks	1.747
11	SIDE DRAINS & CROSS DRAIN	0.000
12	PROTECTION WORKS	0.000
13	ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, PMGSY LOGO	2.780
14	CABLE DUCT ACROSS THE ROAD	0.333
	SUB TOTAL OF PAVEMENT COST IN LACS =	55.733
14	CROSS DRAINAGE STRUCTURES	
I	HUME PIPE	2.842
II	RCC	0.000
III	BOX	0.000
IV	CAUSEWAY	0.000
V	REPAIR OF CD WORK	0.000
	SUB TOTAL OF CD STRUCTURES COST IN LACS =	2.842
	Total Construction Cost.	58.576
15	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION	
	I st Year	1.517
	II nd Year	1.891
	III rd Year	2.266
	IV th Year	2.642
	VI th Year	1.314
	VII th Year	1.739
	SUB TOTAL OF =SIX YEARS OPERATION & MANAGEMENT (O&M)	11.369

(Signature)
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 RWD

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 AE
 RWD

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 EE
 RWD 04-02-25

Total Construction Cost:→	82.123 lacs .
Minor Improvement	}
Initial Rectification	
5th Year Periodic Renewal	
Total Maintenance Cost →	13.959 lacs .
(1st, 2nd, 3rd, 4th, 6th & 7th):	
Other Cost:	
Emergent Cost →	
Contingency Cost →	0.821 lacs .
Administrative Cost →	1.847 lacs .
Total—	98.750 lacs .

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

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

Technically Approved for Rs. 98.750 lacs .

(Rupees Ninety Eight lac seventy

five thousand) Only

for construction work & 5 Years Maintenance

A.E.

E.E.

Tech. Secy.

C.E.-2

N
D
B

ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

बिहार ग्रामीण पथ विकास एजेंसी



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प्रपत्र
एकल संपर्कता प्रमाण - पत्र
 (Single Connectivity Certificate)
 (यह प्रमाण-पत्र कार्यपालक अभियंता द्वारा स्व-हस्तलिखित होना चाहिए)

प्रमाणित किया जाता है कि:-

- (1) T01to gamhariya TO Nadian east tola

पथ का DPR बनाया गया है वह राज्य कोर नेटवर्क में सम्मिलित है

तथा Gaya जिला Gurua प्रखंड के State CNCPL/State CUPL के कमांक
27057 पर अंकित है।

- (2) इस पथ को मैंने स्वयं देखा है तथा इस पर भ्रमण किया है। इस पथ का बनाया जाना जनोपयोगी है तथा इसके लिये सरकारी भूमि उपलब्ध है।
- (3) इस पथ से जिन बसावटों को संपर्कता प्रदान की जा रही है उन्हें पहले से किसी बारहमासी पथ से संपर्कता पथ नहीं मिल रही है तथा प्रस्तावित पथ/पुल उन्हें बारहमासी एकल संपर्कता (Single connectivity) ही प्रदान करेगा।
- (4) इस पथ के निर्माण होने पर अनुसूचित जाति/जनजाति के लगभग जनसंख्या लाभान्वित होंगे।

कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रमंडल