



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)



A.A. COPY

Name of the Road :-

Chandisthan Se Mahadevpur TO Tarapur

Survey ID	:	27227	
DISTRICT	:	Gaya	
DIVISION	:	Sherghati	
BLOCK	:	Gurua	
TOTAL LENGTH OF ROAD	:	2.000	KM
TOTAL COST OF CONSTRUCTION	:	144.020	Lac
COST OF ROAD CONSTRUCTION PER KM	:	72.010	Lac
SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	:	21.324	Lac
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%) .	:	30.175	Lac
LAND ACQUISITION COST.	:	0.000	Lac
TOTAL COST OF PROJECT.	:	195.519	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:- **2.000 KM**

Name of Road:- **Chandisthan Se Mahadevpur TO Tarapur**

SL. No.	Item of Work	Amount
1	CONSTRUCTION COST :	101.171 Lacs
2	5TH YEAR PERIODIC RENEWAL COST . :	17.103 Lacs
	TOTAL ESTIMATED COST (1+2) :	118.274 Lacs
	Add Labour Cess @ 1% :	1.183 Lacs
	Add Seigniorage Fee @ 10% on Material Cost only :	2.594 Lacs
	Sub Total :	122.051 Lacs
	Add GST @ 18% :	21.969 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A" :	144.020 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION . :	17.430 Lacs
	Add Labour Cess @ 1% :	0.174 Lacs
	Add Seigniorage Fee @ 10% on Material Cost only :	0.467 Lacs
	Sub Total :	18.071 Lacs
	Add GST @ 18% :	3.253 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B" :	21.324 Lacs
C	SUB TOTAL COST (A+B) :	165.344 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C" :	24.802 Lacs
E	Contingency @ 1% OF "C" :	1.653 Lacs
F	Administrative Cost @ 2.25% OF "C" :	3.720 Lacs
G	Land acquisition :	0.000 Lacs
H	TOTAL PROJECT COST (C+D+E+F+G+H) :	169.804,195.519 Lacs

[Signature]
31.1.2025
Junior Engineer

[Signature]
31.1.25
Asstt. Engineer

[Signature]
04.02.25
E. Engineer

SE
RWD

[Signature]
11.02.2025
Superintending Engineer
Rural Works Department
Works Circle, Gaya

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : Chandisthan Se Mahadevpur TO Tarapur

DISTRICT Gaya
BLOCK Gurua
DIVISION Sherghati
LENGTH OF ROAD (in Km) 2.000
LENGTH OF BT PAVEMENT 1200
LENGTH OF CC PAVEMENT 800
ROAD STRUCTURES
HUME PIPE 2
CC CULVERT 0
BOX CELL CULVERT 1
AUSEWAY / MINOR BRIDGE 0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING	0.981
2	EARTHWORK	13.193
3	GSB GRADING - II	12.443
5	WBM GRADE II	10.207
5	WMM GRADE III	11.322
6	PRIME COAT	2.518
7	TACK COAT	0.866
8	MIX SEAL SURFACING WITH WASTE PLASTIC	9.380
9	PAVEMENT QUALITY CONCRETE.	19.785
10	Edging with 1st Class Bricks	1.553
11	SIDE DRAINS & CROSS DRAIN	0.000
12	PROTECTION WORKS	0.000
13	ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, PMGSY LOGO	5.131
14	CABLE DUCT ACROSS THE ROAD	0.417
	SUB TOTAL OF PAVEMENT COST IN LACS =	87.796
14	CROSS DRAINAGE STRUCTURES	
I	HUME PIPE	5.685
II	RCC	0.000
III	BOX	7.691
IV	CAUSEWAY	0.000
V	REPAIR OF CD WORK	0.000
	SUB TOTAL OF CD STRUCTURES COST IN LACS =	13.376
	Total Construction Cost.	101.171
15	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION.	
	I st Year	2.380
	II nd Year	2.931
	III rd Year	3.483
	IV th Year	4.035
	VI th Year	1.975
	VII th Year	2.627
	SUB TOTAL OF =SIX YEARS OPERATION & MANAGEMENT (O&M)	17.431

M/s
31.1.2025
JE
RWD

V. M. B.
AE
31/1/2025
RWD

Repe
EE
04.02.25
RWD

Initial Construction Cost:	→	144,020 lacs.
Minor Improvement	}	
Initial Rectification		
5th Year Periodic Renewal		
Total Maintenance Cost	→	21,324 lacs.
(1st, 2nd, 3rd, 4th, 6th & 7th):		
Other Cost:		
Emergent Cost	→	
Contingency Cost	→	1,220 lacs.
Administrative Cost	→	3,240 lacs.
Total		169,804 lacs.

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

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

Technically Approved for Rs. 169,804 lacs.

(Rupees. one crore sixty nine lac eighty thousand four hundred.....) Only

for construction work & 5 Years Maintenance

A.E.

[Signature]
E. E. M. S.

Tec. Secy

[Signature]
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D
B

ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

बिहार ग्रामीण पथ विकास एजेंसी



BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

Govt. of Bihar

YEAR 24-25

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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) Chandisthan Se Mahadevpur TO Tarapur

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

तथा
27227

Gaya
पर अंकित है।

जिला

Gurua

प्रखंड के State CNCPL/State CUPL के कमांक

(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