



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 :-

Murial mahadalit tola pmgsy road TO Banarwa tola

Survey ID	:	53265	
DISTRICT	:	Gaya	
DIVISION	:	Sherghati	
BLOCK	:	Dobhi	
TOTAL LENGTH OF ROAD	:	2.100	KM
TOTAL COST OF CONSTRUCTION	:	154.511	Lac
COST OF ROAD CONSTRUCTION PER KM	:	73.577	Lac
SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	:	25.152	Lac
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%) .	:	32.789	Lac
LAND ACQUISITION COST.	:	0.000	Lac
TOTAL COST OF PROJECT.	:	212.453	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:- **Dobhi**District:- **Gaya**Length of Road:- **2.100 KM**Name of Road:- **Mural mahadalit tola pmgsy road TO Banarwa tola**

SL. No.	Item of Work	Amount
1	CONSTRUCTION COST :	105.089 Lacs
2	5TH YEAR PERIODIC RENEWAL COST . :	22.291 Lacs
	TOTAL ESTIMATED COST (1+2) :	127.380 Lacs
	Add Labour Cess @ 1% :	1.274 Lacs
	Add Seigniorage Fee @ 10% on Material Cost only :	2.289 Lacs
	Sub Total :	130.942 Lacs
	Add GST @ 18% :	23.570 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A" :	154.511 Lacs
3	MAINTANANCE SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION . :	20.617 Lacs
	Add Labour Cess @ 1% :	0.206 Lacs
	Add Seigniorage Fee @ 10% on Material Cost only :	0.493 Lacs
	Sub Total :	21.316 Lacs
	Add GST @ 18% :	3.837 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B" :	25.152 Lacs
C	SUB TOTAL COST (A+B)	179.664 Lacs
D	MAINTANANCE EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C" :	26.950 Lacs
E	Contingency @ 1% OF "C" :	1.797 Lacs
F	Administrative Cost @ 2.25% OF "C" :	4.042 Lacs
G	Land acquisition :	0.000 Lacs
H	TOTAL PROJECT COST (C+D+E+F+G+H) :	212.453 Lacs

A. K. J. 10/2/25
Junior EngineerC. T. 10/2/25
Asstt. EngineerR. P. 10.02.25
E. EngineerSE
Superintending Engineer
Rural Works Department
Works Circle, Gaya

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : Murial mahadalit tola pmgsy road TO Banarwa tola

DISTRICT Gaya
BLOCK Dobhi
DIVISION Sherghati
LENGTH OF ROAD (in Km) 2.100
LENGTH OF BT PAVEMENT 1630
LENGTH OF CC PAVEMENT 470
CD STRUCTURES
HUME PIPE 3
RCC CULVERT 1
BOX CELL CULVERT 0
CAUSEWAY / MINOR BRIDGE 0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING	1.032
2	EARTHWORK	19.109
3	GSB GRADING - II	15.975
5	WBM GRADE II	14.402
5	WMM GRADE III	10.990
6	PRIME COAT	3.425
7	TACK COAT	1.178
8	MIX SEAL SURFACING WITH WASTE PLASTIC	12.869
9	PAVEMENT QUALITY CONCRETE.	9.392
10	Edging with 1st Class Bricks	0.912
11	SIDE DRAINS & CROSS DRAIN	0.000
12	PROTECTION WORKS	0.000
13	ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, PMGSY LOGO	5.081
14	CABLE DUCT ACROSS THE ROAD	0.417
	SUB TOTAL OF PAVEMENT COST IN LACS =	94.781
14	CROSS DRAINAGE STRUCTURES	
I	HUME PIPE	3.976
II	RCC	6.332
III	BOX	0.000
IV	CAUSEWAY	0.000
V	REPAIR OF CD WORK	0.000
	SUB TOTAL OF CD STRUCTURES COST IN LACS =	10.308
	Total Construction Cost.	105.089
15	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	
	I st Year	2.866
	II nd Year	3.492
	III rd Year	4.119
	IV th Year	4.746
	VI th Year	2.316
	VII th Year	3.079
	SUB TOTAL OF =SIX YEARS OPERATION & MANAGEMENT (O&M)	20.618

A. Jany
10/12/24
RWD

C. H.
10/12/25
AE
RWD

R. P.
10/02/25
RWD

Total Construction Cost: →	154.511 laes	154.511 laes
Minor Improvement		
Initial Rectification		
5th Year Periodic Renewal		
Total Maintenance Cost →	25.152 laes	25.152 laes
(1st, 2nd, 3rd, 4th, 6th & 7th):		
Other Cost:		
Emergent Cost →	26.950 laes	
Contingency Cost →	1.797 laes	1.272 laes
Administrative Cost →	4.042 laes	3.476 laes
Total—	212.453 laes	184.411 laes

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

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

Technically Approved for Rs. 212.453 laes

(Rupees ~~Two crore twelve lac forty~~

~~five thousand three hundred~~) Only

for construction work & 5 Years Maintenance

A.E.

~~Signature~~
E. 21/2/15

~~Signature~~
Secy.

~~Signature~~
C.E.-2

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

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

Technically Approved for Rs. 184.411 laes

(Rupees ~~one crore eighty four lac forty~~

~~one thousand one hundred~~) Only

for construction work & 5 Years Maintenance

E.

~~Signature~~
E. 21/2/15

~~Signature~~
Secy.

~~Signature~~
C.E.-2

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D
B

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Rural Works Department, Govt of Bihar

बिहार ग्रामीण पथ विकास एजेंसी



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Bihar Rural Road Development Agency (BRRDA)

Govt. of Bihar

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