



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

DETAILED PROJECT REPORT (DPR)

YEAR (2023 - 2024)



MUKHYA MANTRI GRAMIN SADAK UNNAYAN YOJANA (MMGSUY)

STATE	:-	BIHAR
DISTRICT	:-	Madhubani
BLOCK	:-	Bisfi
Project ID	:-	31910013010
NAME OF ROAD	:-	PAROHI To KHANGAIRATHA VIA PATUNA
TOTAL LENGTH OF ROAD	:-	4.450 km
CONSTRUCTION LENGTH OF ROAD	:-	4.450 km
TOTAL COST OF CONSTRUCTION (Inc GST18% , LC1% & S.F.)		Rs. 377.528 Lacs
COST OF ROAD CONSTRUCTION PER KM	:-	Rs. 84.838 Lacs
TOTAL 5 YEAR MAINTENANCE COST (Inc GST18% , LC1% & S.F.)		Rs. 50.025 Lacs
TOTAL COST OF ROAD (Inc GST18% , LC1% & S.F.)	:-	Rs. 427.554 Lacs
TOTAL COST OF ROAD (Inc Const & Maint.) PER KM (Inc GST18% , LC1% & S.F.)	:-	Rs. 96.079 Lacs
Administrative Fund @ 2.25 % on Total Cost	:-	Rs. 9.620 Lacs
Contingency Cost @ 1 % on Total Cost	:-	Rs. 4.276 Lacs
TOTAL FINAL COST OF PROJECT		Rs. 441.449 Lacs

TS COPY

SUBMITTED BY:
EXECUTIVE ENGINEER
RWD (W) DIVISION, BENIPATTI
MADHUBANI

PREPARED BY:
FALAK ASSOCIATES PVT. LTD.
KUMAR COMPLEX, NEAR GANDHI MURTI
PUNAICHAK, PATNA - 800 023

Mukhya Mantri Gramin Sadak Unnayan Yojana (MMGSUY)

YEAR (2023 - 2024)

GENERAL ABSTRACT OF COST

Block:--Bisfi

District:--Madhubani

Project ID :--31910013010

TOTAL LENGTH OF ROAD (Km) 4.450 KM

Construction Length of Road:-- 4.450 KM

Name of Road:-- PAROHI To KHANGAIRATHA VIA PATUNA

SL. No.	Item of Work	Amount
A	TOTAL COST OF CONSTRUCTION (Inc G.S.T, LABOUR CESS, S.F.)	377.528 Lacs
B	FIVE YEAR MAINTENANCE COST (Inc G.S.T, LABOUR CESS, S.F.)	50.025 Lacs
C	Administrative fund @ 2.25 % on Total Cost	9.620 Lacs
D	Contingency Cost @ 1 % on Total Cost	4.276 Lacs
TOTAL (A+B+C+D)		441.449 Lacs

[Signature]
12/3/24

Junior Engineer
RWD (w)Section , Bisfi

[Signature]
12.3.24

Asstt. Engineer
RWD (w)Sub Division , Bisfi

[Signature]
12/03/24

Executive Engineer
RWD (w) Division, Benipatti

Chief Engineer-6
Darbhanga
Rural Works Department

Superintending Engineer
RWD Works Circle
Madhubani

[Signature]
12/3/24
120

AA. vide Letter No- 1090

dt- 01/03/2024

AA Length:- 4.45 Km

Construction cost:- ₹ 37.88

System maintenance cost:- ₹ 50.025

Administrative cost:- ₹ 13.931

Total AA = ₹ 442

FOR: TS

Construction cost - ₹ 377.528 Lac

System maintenance cost - ₹ 50.025 Lac

Administrative cost - ₹ 9.620 Lac

Contingency cost - ₹ 4.278 Lac

Total - 441.449 Lac

T.S. No.- 57/23-24

dt- 20/03/24

Ref. SE Letter No- 181

dt- 19/03/24

Technically Sanctioned for Rs. 441.449

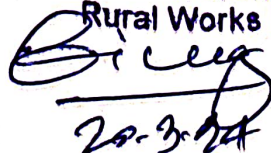
(Rupees ~~four crore forty one lac forty~~
~~four thousand nine hundred~~ only.)

Technically sanction does not mean sanction
of rate Instruction given in technical note
should be followed strictly.

Chief Engineer-6

Darbhanga

Rural Works Department


20-3-24

SUMMARY OF COST ESTIMATE FOR THE PROJECT

Project ID 31910013010
NAME OF ROAD : PAROHI To KHANGAIRATHA VIA PATUNA
DISTRICT Madhubani
BLOCK Bisfi
TOTAL LENGTH OF ROAD (Km) 4.450
CONST. LENGTH OF ROAD(Km) 4.450
LENGTH OF BT PAVEMENT 2650
LENGTH OF CC PAVEMENT 1800
CD STRUCTURES
HUME PIPE 0
RCC CULVERT 0
Irrigation Conduit Utility Pipe 0
BOX CELL CULVERT 1
CAUSEWAY / MINOR BRIDGE 0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING	2.135
2	EARTHWORK	8.294
3	GSB (Gr- II)	13.884
4	WBM GRADE III	55.512
5	PRIME COAT	5.446
6	TACK COAT	3.815
7	Bituminous Macadam (BM)	61.655
8	Semi-Dense Bituminous Concrete (SDBC)	36.599
9	DRY LEAN CONCRETE	4.666
10	PANEL CONCRETE PAVEMENT	81.263
11	SIDE DRAIN	0.000
12	PROTECTION WORKS	12.808
13	ROAD FURNITURES, LOGO, ROAD MARKING, PLANTATION ETC	14.755
	SUB TOTAL OF PAVEMENT COST IN LACS =	300.834
14	CROSS DRAINAGE STRUCTURES	
I	HUME PIPE	0.000
II	RCC CULVERT	0.000
III	BOX	7.922
IV	Irrigation Conduit Utility Pipe	0.000
V	DISMANTLING OF CD	0.438
VI	REPAIR WORKS	2.829
	SUB TOTAL OF CD STRUCTURES COST IN LACS =	11.188
	Sub Total ` :-	312.022
	GST @ 18 % on Total Construction Cost ` :-	56.164
	Labour Cess @ 1 % on Total Construction Cost ` :-	3.120
	Add Seigniorage Fee :-	6.222
A	Total Construction Cost (GST 18%, L.C 1% & S.F.) (In Lacs) :-	377.528
	Cost of First 5 years Maintenance (IN LACS) :-	41.666
	GST @ 18 % ` :-	7.500
	Labour Cess @ 1 % ` :-	0.417
	Add Seigniorage Fee :-	0.443
B	Total Maintenance Cost (GST 18% , L.C 1% & S.F.) (In Lacs) :-	50.025
	TOTAL COST IN LACS (A + B) =	427.554
C	Administrative fund @ 2.25 % on Total Cost ` :-	9.620
D	Contingency Cost @ 1 % on Total Cost ` :-	4.276
	TOTAL COST OF PROJECT IN LACS (A + B + C + D) =	441.449

Junior Engineer

RWD (w)Section , Bisfi

Assistant Engineer

RWD (w)Sub Division , Bisfi

Executive Engineer
RWD (w) Division,
Benipatti