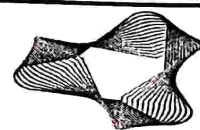




ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



New development bank

BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

DETAILED PROJECT REPORT

YEAR (2022 - 2023)

MMGSY-TRENCH-III (NEW DEVELOPMENT BANK FUNDED)

STATE :- BIHAR

DISTRICT :- East Champaran

BLOCK :- Patahi



Gamhariya Gonahi to Gujraul se Mushar Tola

TOTAL LENGTH OF ROAD	:- 0.300 Km
TOTAL COST OF CD WORKS	:- Rs. 4.675 Lakhs
TOTAL COST OF PAVEMENT	:- Rs. 36.688 Lakhs
TOTAL COST OF CONSTRUCTION	:- Rs. 41.363 Lakhs
COST OF ROAD CONSTRUCTION PER KM	:- Rs. 137.877 Lakhs
5 YEAR MAINTENANCE COST	:- Rs. 3.192 Lakhs
TOTAL SEIGNIORAGE FEE	:- Rs. 0.546 Lakhs
CONTINGENCY 2.25% ON CONSTRUCTION CO:	:- Rs. 0.931 Lakhs
TOTAL COST OF PROJECT	:- Rs. 46.031 Lakhs
TOTAL COST OF PROJECT PER KM	:- Rs. 153.438 Lakhs

TS COPY

Submitted By:

Executive Engineer
RWD Works Division, Pakaridayal
East Champaran

Prepared By:

Falak Associates Pvt. Ltd.
Kumar Complex, Near Gandhi Murti
Punaichak, Patna - 800 023

Mukhya Mantri Gram Sampark Yojna (Trenche-III)

FORMAT F-5

YEAR (2022 - 2023)

GENERAL ABSTRACT OF COST

Block:--Patahi

District:--East Champaran

Length of Road:-- 0.300 KM

Name of Road:-- Gamhariya Gonahi to Gujraul se Mushar Tola

SL. No.	Item of Work	Amount
	COST OF CONSTRUCTION	34.759 ^{34.403} Lakhs
	CONSTRUCTION LABOUR CESS 1 %	0.348 Lakhs 0.345
	CONSTRUCTION GST 18 %	6.257 Lakhs 6.207
	CONSTRUCTION SEIGNIORAGE AMOUNT	0.469 Lakhs
A	TOTAL COST OF CONSTRUCTION	41.832 Lakhs 41.504
	FIVE YEAR MAINTENANCE COST	2.682 Lakhs
	MAINTENANCE LABOUR CESS 1 %	0.027 Lakhs
	MAINTENANCE GST 18 %	0.483 Lakhs
	MAINTENANCE SEIGNIORAGE AMOUNT	0.077 Lakhs
B	TOTAL FIVE YEAR MAINTENANCE COST	3.269 Lakhs
C	CONTINGENCY 2.25% OF TOTAL COST OF CONSTRUCTION	0.931 Lakhs 0.776
	TOTAL	46.031 Lakhs

[Signature]
26.2.23
Junior Engineer

[Signature]
26/02/23
Asstt. Engineer

[Signature]
26/2/23
Executive Engineer

प्रकल्प की राशि में वृद्धि, दर में इवें वृद्धि से
काटने हैं। मयों की मात्रा तकनीकी अनुमोदित प्रकल्प
से अनुसृत है।

26.2.23
S.E.

26.2.23
A.B. Patah

A.A Vide letter no 77 dt 09/12/23
Const - 37932 lakh
Maint - 2.933 lakh
Road Length - 0.3 km

TS is accorded for Rs. 4554900.00
— crore Fifty Five Fifty Four Thousand
Nine hundred only

S.E. (R.W.D.)
works Circle
Motihari

28/3/2023

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :

Gamhariya Gonahi to Gujraul se Mushar Tola

DISTRICT

East Champaran

BLOCK

Patahi

LENGTH OF ROAD (in Km) :

0.300

LENGTH OF BT PAVEMENT

180

LENGTH OF CC PAVEMENT

120

LENGTH OF NO WORK

0

CD STRUCTURES

HUME PIPE

1

RCC CULVERT

0

BOX CELL CULVERT

0

CAUSEWAY / MINOR BRIDGE

0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)	Labour Cess 1%	GST 18 %	AMOUNT (LAKHS)
1	PREPARATORY WORKS, SITE CLEARANCE, DISMANTLING	0.118	0.001	0.021	0.141
2	EARTHWORK	1.968	0.020	0.354	2.342
3	GSB	8.956	0.090	1.612	10.657
4	WBM GRADE II	0.000	0.000	0.000	0.000
5	WBM GRADE III	5.765	0.058	1.038	6.861
6	PRIME COAT	0.535	0.005	0.096	0.636
7	TACK COAT	0.184	0.002	0.033	0.219
8	MIX SEAL SURFACE	2.714	0.027	0.489	3.230
9	SEAL COAT	0.000	0.000	0.000	0.000
10	CEMENT CONCRETE PAVEMENT	7.390	0.074	1.330	8.794
11	HARD SHOULDERING	0.472	0.005	0.085	0.561
12	SIDE DRAINS	0.000	0.000	0.000	0.000
13	PROTECTION WORKS / BOULDER PITCHING	0.000	0.000	0.000	0.000
14	ROAD FURNITURES, KM STONES, TRAFFIC & DIRECTION SIGN, PMGSY LOGO	2.729	0.027	0.491	3.248
	SUB TOTAL OF PAVEMENT COST IN LAKHS =	30.831	0.308	5.550	36.688
15	CROSS DRAINAGE STRUCTURES	30.558			
I	HUME PIPE	3.928	0.039	0.707	4.675
II	RCC	0.000	0.000	0.000	0.000
III	BOX	0.000	0.000	0.000	0.000
IV	CAUSEWAY	0.000	0.000	0.000	0.000
V	REPAIR OF CD WORK	0.000	0.000	0.000	0.000
	SUB TOTAL OF CD STRUCTURES COST IN LAKHS =	3.928	0.039	0.707	4.675
	Sub Total :-	34.759	0.348	6.257	41.363
	5 years Maintenance				
I	1st Year Maintenance cost	0.176	0.002	0.032	0.210
II	2nd Year Maintenance cost	0.214	0.002	0.039	0.255
III	3rd Year Maintenance cost	0.855	0.009	0.154	1.018
IV	4th Year Maintenance cost	0.433	0.004	0.078	0.516
V	5th Year Maintenance cost	1.003	0.010	0.180	1.193
	Total Cost of 5 years Maintenance IN LAKHS =	2.682	0.027	0.483	3.192
	TOTAL SEIGNIORAGE FEE IN LAKHS =				0.546
	Add Contingency Charges @ 2.25% of Sub Total :-				0.931
	TOTAL COST OF PROJECT IN LAKHS =	37.441	0.374	6.739	46.031
	Total Cost of Project Per Km (IN LAKHS):-				153.438

26.2.23.
Junior Engineer
RWD Works Division, Pakaridayal

Assistant Engineer
RWD Works Division, Pakaridayal

Executive Engineer
RWD Works Division, Pakaridayal