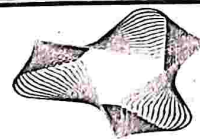




ग्रामीण कार्य विभाग

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 :- Madhubani



NH-104 Shiv Mandir to Bandh

TOTAL LENGTH OF ROAD	:- 1.250 Km
TOTAL COST OF CD WORKS	:- Rs. 9.163 Lakhs
TOTAL COST OF PAVEMENT	:- Rs. 95.399 Lakhs
TOTAL COST OF CONSTRUCTION	:- Rs. 104.562 Lakhs
COST OF ROAD CONSTRUCTION PER KM	:- Rs. 83.650 Lakhs
5 YEAR MAINTENANCE COST	:- Rs. 12.100 Lakhs
TOTAL SEIGNIORAGE FEE	:- Rs. 1.633 Lakhs
CONTINGENCY 2.25% ON CONSTRUCTION CO	:- Rs. 2.353 Lakhs
TOTAL COST OF PROJECT	:- Rs. 120.648 Lakhs
TOTAL COST OF PROJECT PER KM	:- Rs. 96.518 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:--Pakaridayal

District:--East Champaran

Length of Road:-- 1.250 KM

Name of Road:-- NH-104 Shiv Mandir to Bandh

SL. No.	Item of Work	Amount
	COST OF CONSTRUCTION	87.868 Lakhs
	CONSTRUCTION LABOUR CESS 1 %	0.879 Lakhs
	CONSTRUCTION GST 18 %	15.816 Lakhs
	CONSTRUCTION SEIGNIORAGE AMOUNT	1.317 Lakhs
A	TOTAL COST OF CONSTRUCTION	105.880 Lakhs
	FIVE YEAR MAINTENANCE COST	10.168 Lakhs
	MAINTENANCE LABOUR CESS 1 %	0.102 Lakhs
	MAINTENANCE GST 18 %	1.830 Lakhs
	MAINTENANCE SEIGNIORAGE AMOUNT	0.316 Lakhs
B	TOTAL FIVE YEAR MAINTENANCE COST	12.415 Lakhs
C	CONTINGENCY 2.25% OF TOTAL COST OF CONSTRUCTION	2.353 Lakhs + 977
	TOTAL	120.648 Lakhs

25/02/23
Junior Engineer

25/02/23
Asstt. Engineer

28/03/23
Executive Engineer
Superintending Engineer
Rural Works Department
Works Circle, Motihari

साक्कलन की खाशे में कहीतरी हर में हुई वही
 के कारण है, मही की मात्रा में तकनीकी अनुमोदन
 साक्कलन के अनुरूप है, लगभग 40% Old PC & of
 Dismentling के लिए उपलब्ध है।

[Signature]
 25/02/23
 T.E

[Signature]
 A.E

E.E

A.A. Details

A.A. Provide vide Letter No - 77 Dated : 09-02-2023

Length - 1.250 Km

Cont. Cost - 96.020 Lacs

5 year Maint. cost - 11.190 Lacs

Total 107.210 Lacs

Contingency cost - 2.130 Lacs

109.340 Lacs

Technically Sanctioned of Road Length 1.25 KM for Rs. 120.65 Lacs
 (One Crore Twenty Lacs Sixty Five Thousand) only

Sanction of Estimate does not mean Sanction of rates.
 Conditions and directions laid down in attached technical notes
 with the DPR is to be followed Strictly.

[Signature]
 26-4-23
 A.E.
 RWD

[Signature]
 26/4/23
 E.E.
 RWD

[Signature]
 26/4/23
 C.E.-3
 RWD, PATNA

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : NH-104 Shiv Mandir to Bandh
DISTRICT East Champaran
BLOCK Pakaridayal
LENGTH OF ROAD (in Km) : 1.250
LENGTH OF BT PAVEMENT 735
LENGTH OF CC PAVEMENT 270
LENGTH OF NO WORK 245
CD STRUCTURES
HUME PIPE 2
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	1.097	0.011	0.197	1.306
2	EARTHWORK	6.092	0.061	1.097	7.250
3	GSB	21.741	0.217	3.913	25.872
4	WBM GRADE II	0.000	0.000	0.000	0.000
5	WBM GRADE III	15.487	0.155	2.788	18.430
6	PRIME COAT	1.899	0.019	0.342	2.259
7	TACK COAT	0.653	0.007	0.118	0.777
8	MIX SEAL SURFACE	9.191	0.092	1.654	10.938
9	SEAL COAT	0.000	0.000	0.000	0.000
10	CEMENT CONCRETE PAVEMENT	15.559	0.156	2.801	18.515
11	HARD SHOULDERING	2.345	0.023	0.422	2.791
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	6.103	0.061	1.099	7.262
	SUB TOTAL OF PAVEMENT COST IN LAKHS =	80.168	0.802	14.430	95.399
15	CROSS DRAINAGE STRUCTURES				
I	HUME PIPE	7.425	0.074	1.336	8.835
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	0.275	0.003	0.050	0.328
	SUB TOTAL OF CD STRUCTURES COST IN LAKHS =	7.700	0.077	1.386	9.163
	Sub Total :-	87.868	0.879	15.816	104.562
	5 years Maintenance				
I	1st Year Maintenance cost	0.583	0.006	0.105	0.694
II	2nd Year Maintenance cost	0.737	0.007	0.133	0.877
III	3rd Year Maintenance cost	3.352	0.034	0.603	3.989
IV	4th Year Maintenance cost	1.573	0.016	0.283	1.872
V	5th Year Maintenance cost	3.923	0.039	0.706	4.668
	Total Cost of 5 years Maintenance IN LAKHS =	10.168	0.102	1.830	12.100
	TOTAL SEIGNIORAGE FEE IN LAKHS =				1.633
	Add Contingency Charges @ 2.25% of Sub Total :-				2.353
	TOTAL COST OF PROJECT IN LAKHS =	98.035	0.980	17.646	120.648
	Total Cost of Project Per Km (IN LAKHS):-				96.518

Junior Engineer
RWD Works Division, Pakaridayal

Assistant Engineer
RWD Works Division, Pakaridayal

Executive Engineer
RWD Works Division, Pakaridayal