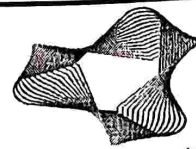




ग्रामीण कार्य विभाग

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



Chitha More se Roja Miya House

TOTAL LENGTH OF ROAD	:- 0.905 Km
TOTAL COST OF CD WORKS	:- Rs. 4.871 Lakhs
TOTAL COST OF PAVEMENT	:- Rs. 93.942 Lakhs
TOTAL COST OF CONSTRUCTION	:- Rs. 98.813 Lakhs
COST OF ROAD CONSTRUCTION PER KM	:- Rs. 109.185 Lakhs
5 YEAR MAINTENANCE COST	:- Rs. 7.428 Lakhs
TOTAL SEIGNIORAGE FEE	:- Rs. 1.306 Lakhs
CONTINGENCY 2.25% ON CONSTRUCTION CO	:- Rs. 2.223 Lakhs

TOTAL COST OF PROJECT :- Rs. 109.770 Lakhs

TOTAL COST OF PROJECT PER KM :- Rs. 121.293 Lakhs

Submitted By:
Executive Engineer
RWD Works Division, Pakaridaya
East Champaran

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

TS COPY

Mukhya Mantri Gram Sampark Yojna (Trenche-III)

FORMAT F-5

YEAR (2022 - 2023)

GENERAL ABSTRACT OF COST

Block:--Madhuban

District:--East Champaran

Length of Road:-- 0.905 KM

Name of Road:-- Chitha More se Roja Miya House

SL. No.	Item of Work	Amount
	COST OF CONSTRUCTION	83.036 Lakhs
	CONSTRUCTION LABOUR CESS 1 %	0.830 Lakhs
	CONSTRUCTION GST 18 %	14.946 Lakhs
	CONSTRUCTION SEIGNIORAGE AMOUNT	1.173 Lakhs
A	TOTAL COST OF CONSTRUCTION	99.986 Lakhs
	FIVE YEAR MAINTENANCE COST	6.242 Lakhs
	MAINTENANCE LABOUR CESS 1 %	0.062 Lakhs
	MAINTENANCE GST 18 %	1.124 Lakhs
	MAINTENANCE SEIGNIORAGE AMOUNT	0.133 Lakhs
B	TOTAL FIVE YEAR MAINTENANCE COST	7.561 Lakhs
C	CONTINGENCY 2.25% OF TOTAL COST OF CONSTRUCTION	2.223 Lakhs
		1.860
	TOTAL	109.770 Lakhs

Ran
25/02/23
Junior Engineer

P. S. S.
25/02/23
Asstt. Engineer

109.770 Lakhs
109.770 Lakhs
28/02/23
Executive Engineer
Superintending Engineer
Rural Works Department
Works Circle, Motinari

साक्कलन की खाति में कहीतरी कर में हुई
 वृद्धि के कारण है, महां की मागा में तकनीकी अनुमोदित
 साक्कलन के अनुरूप है, लगभग 30% Old PCC की
 Dismantling के लिए उपलब्ध है।


 J.E.


 A.E.

E.E.

A.A Details.

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

Length - 0.905 K.M

Const - Cost - 89.650 Lakh

5 years Maint - Cost - 6.760 Lakh

Total - 96.410 Lakh

Contingency cost - 1.990 Lakh

Grand Total - 98.400 Lakh

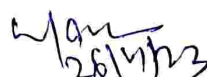
Technically Sanctioned of Road Length 0.905 KM for Rs. 109.77 Lacs

(One Crore Nine Lacs Seventy Seven 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.


 A.E.
 RWD


 E.E.
 RWD


 C.E. 3
 RWD, PATNA

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : Chitha More se Roja Miya House
DISTRICT East Champaran
BLOCK Madhuban
LENGTH OF ROAD (in Km) : 0.905
LENGTH OF BT PAVEMENT 300
LENGTH OF CC PAVEMENT 605
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	0.405	0.004	0.073	0.481
2	EARTHWORK	3.738	0.037	0.673	4.449
3	GSB	12.002	0.120	2.160	14.282
4	WBM GRADE II	0.000	0.000	0.000	0.000
5	WBM GRADE III	14.736	0.147	2.652	17.536
6	PRIME COAT	0.929	0.009	0.167	1.106
7	TACK COAT	0.320	0.003	0.058	0.380
8	MIX SEAL SURFACE	4.545	0.045	0.818	5.408
9	SEAL COAT	0.000	0.000	0.000	0.000
10	CEMENT CONCRETE PAVEMENT	35.376	0.354	6.368	42.097
11	HARD SHOULDERING	2.378	0.024	0.428	2.830
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	4.515	0.045	0.813	5.373
	SUB TOTAL OF PAVEMENT COST IN LAKHS =	78.942	0.789	14.210	93.942
15	CROSS DRAINAGE STRUCTURES				
I	HUME PIPE	3.761	0.038	0.677	4.476
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	0.332	0.003	0.060	0.395
	SUB TOTAL OF CD STRUCTURES COST IN LAKHS =	4.093	0.041	0.737	4.871
	Sub Total :-	83.036	0.830	14.946	98.813
	5 years Maintenance				
I	1st Year Maintenance cost	0.355	0.004	0.064	0.422
II	2nd Year Maintenance cost	0.436	0.004	0.079	0.519
III	3rd Year Maintenance cost	2.179	0.022	0.392	2.593
IV	4th Year Maintenance cost	0.821	0.008	0.148	0.976
V	5th Year Maintenance cost	2.452	0.025	0.441	2.918
	Total Cost of 5 years Maintenance IN LAKHS =	6.242	0.062	1.124	7.428
	TOTAL SEIGNIORAGE FEE IN LAKHS =				1.306
	Add Contingency Charges @ 2.25% of Sub Total :-				2.223
	TOTAL COST OF PROJECT IN LAKHS =	89.278	0.893	16.070	109.770
	Total Cost of Project Per Km (IN LAKHS):--				121.293

Junior Engineer
RWD Works Division, Pakaridaya

Assistant Engineer
RWD Works Division, Pakaridaya

Executive Engineer
RWD Works Division, Pakaridaya