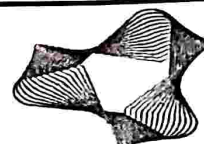




ग्रामीण कार्य विभाग

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 :- Phenhara



Diplal Sah House to Jamuna Prasad Yadav House via Mahadalit Tola

TOTAL LENGTH OF ROAD	:- 1.050 Km
TOTAL COST OF CD WORKS	:- Rs. 0.000 Lakhs
TOTAL COST OF PAVEMENT	:- Rs. 104.613 Lakhs
TOTAL COST OF CONSTRUCTION	:- Rs. 104.613 Lakhs
COST OF ROAD CONSTRUCTION PER KM	:- Rs. 99.631 Lakhs
5 YEAR MAINTENANCE COST	:- Rs. 9.421 Lakhs
TOTAL SEIGNIORAGE FEE	:- Rs. 1.551 Lakhs
CONTINGENCY 2.25% ON CONSTRUCTION CO!	:- Rs. 2.354 Lakhs
TOTAL COST OF PROJECT	:- Rs. 117.938 Lakhs
TOTAL COST OF PROJECT PER KM	:- Rs. 112.322 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:--Phenhara

District:--East Champaran

Length of Road:-- 1.050 KM

Name of Road:-- Diplal Sah House to Jamuna Prasad Yadav House via Mahadalit Tola

SL. No.	Item of Work	Amount
		87.054
	COST OF CONSTRUCTION	87.910 Lakhs
	CONSTRUCTION LABOUR CESS 1 %	0.879 Lakhs
	CONSTRUCTION GST 18 %	15.669 15.624 Lakhs
	CONSTRUCTION SEIGNIORAGE AMOUNT	1.317 Lakhs
A	TOTAL COST OF CONSTRUCTION	104.91 105.930 Lakhs
	FIVE YEAR MAINTENANCE COST	7.917 Lakhs
	MAINTENANCE LABOUR CESS 1 %	0.079 Lakhs
	MAINTENANCE GST 18 %	1.425 Lakhs
	MAINTENANCE SEIGNIORAGE AMOUNT	0.233 Lakhs
B	TOTAL FIVE YEAR MAINTENANCE COST	9.655 Lakhs
C	CONTINGENCY 2.25% OF TOTAL COST OF CONSTRUCTION	2.354 Lakhs
		1.950
	TOTAL	117.938 Lakhs

[Signature]
27.2.2023
Junior Engineer

[Signature] 27/2/23
Asstt. Engineer

117.94 Lakhs, 116.523 Lakhs
9/5
[Signature] 01/03/23
Executive Engineer
Superintending Engineer
Rural Works Department
Works Circle, Mounani

याकल, श्री राकेश मे वसुधेनरी, हा के हूँ वही है
 बाका है। नदी के नाल नाली अनुमोदीन पास
 के ~~बाका~~ अनुमोदीन है।


 27/02/23
 J.E


 26/02/23
 A.B. Padahi

A.A Details

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

Length - 1.050 K.M

Const. Cost - 95.930 Lakh.

5 years mainw. cost - 8.720 Lakh

104.650 Lakh

Contingency amount - 2.120 Lakh

Grand Total - 106.780 Lakh

Technically Sanctioned of Road Length 1.05 KM for Rs. 117.94 Lac

(one Crore seventeen Lacs Ninety Four 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.


 26/02/23
 A.E.
 RWD


 26/02/23
 E.E.
 RWD


 26/02/23
 C.E.-3
 RWD, PATNA

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : Dipal Sah House to Jamuna Prasad Yadav House via Mahadalit Tola
DISTRICT East Champaran
BLOCK Phenhara
LENGTH OF ROAD (in Km) : 1.050
LENGTH OF BT PAVEMENT 540
LENGTH OF CC PAVEMENT 510
LENGTH OF NO WORK 0
CD STRUCTURES
HUME PIPE 0
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	0.429	0.004	0.077	0.511
2	EARTHWORK	4.976	0.050	0.896	5.922
3	GSB	20.807	0.208	3.745	24.760
4	WBM GRADE II	0.000	0.000	0.000	0.000
5	WBM GRADE III	16.355	0.164	2.944	19.462
6	PRIME COAT	1.361	0.014	0.245	1.619
7	TACK COAT	0.468	0.005	0.084	0.557
8	MIX SEAL SURFACE	6.690	0.067	1.204	7.961
9	SEAL COAT	0.000	0.000	0.000	0.000
10	CEMENT CONCRETE PAVEMENT	30.037	0.300	5.407	35.744
11	HARD SHOULDERING	2.005	0.020	0.361	2.386
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	4.696	0.048	0.861	5.690
	SUB TOTAL OF PAVEMENT COST IN LAKHS =	87.910	0.879	15.824	104.613
15	CROSS DRAINAGE STRUCTURES	0.000	0.000	0.000	0.000
I	HUME PIPE	0.000	0.000	0.000	0.000
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 =	0.000	0.000	0.000	0.000
	Sub Total :-	87.910	0.879	15.824	104.613
	5 years Maintenance				
I	1st Year Maintenance cost	0.409	0.004	0.074	0.487
II	2nd Year Maintenance cost	0.529	0.005	0.095	0.629
III	3rd Year Maintenance cost	2.684	0.027	0.483	3.195
IV	4th Year Maintenance cost	1.170	0.012	0.211	1.392
V	5th Year Maintenance cost	3.124	0.031	0.562	3.718
	Total Cost of 5 years Maintenance IN LAKHS =	7.917	0.079	1.425	9.421
	TOTAL SEIGNIORAGE FEE IN LAKHS =				1.551
	Add Contingency Charges @ 2.25% of Sub Total :-				2.354
	TOTAL COST OF PROJECT IN LAKHS =	95.827	0.958	17.249	117.938
	Total Cost of Project Per Km (IN LAKHS):-				112.322

[Signature]
 27.2.23
 Junior Engineer
 RWD Works Division, Pakaridayal

[Signature]
 27/2/23
 Assistant Engineer
 RWD Works Division, Pakaridayal

[Signature]
 01/3/23
 Executive Engineer
 RWD Works Division, Pakaridayal