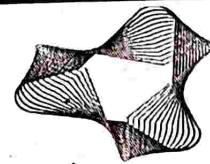




ग्रामीण कार्य विभाग

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-TRANCHE-III

(NEW DEVELOPMENT BANK FUNDED)

STATE :- BIHAR

DISTRICT :- East Champaran

BLOCK :- Tetariya



Saraiya to Meghua Road to Mehgua Malikana

TOTAL LENGTH OF ROAD	:- 1.200 Km
CONSTRUCTION LENGTH OF ROAD	:- 1.023 Km
TOTAL LENGTH OF BRIDGE	:- 77.280 Km
TOTAL COST OF ROAD (A)	:- Rs. 143.714 Lakhs
TOTAL COST OF BRIDGE (B)	:- Rs. 678.640 Lakhs
TOTAL COST OF PROJECT	:- Rs. 822.35 Lakhs

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

PROFORMA-A

Mukhya Mantri Gram Sampark Yojna (Tranche-III)
(Ministry of Rural Development, Govt. of India)

DISTRICT WISE SUMMARY OF THE PROPOSALS FOR THE YEAR (2023 - 2024)

Sl. No.	District	Package No.	No. of Habitations Covered	Length (KMS)	Value Rs. (Lakhs)		Av. Cost per km Rs. (Lakhs)	
					Const.	Maint.	Const.	Maint.
1	East Champaran		1	1.200	107.037	10.524	89.198	8.770
	Seigniorage Fee					1.788		
	GST @ 18 % on Total Cost					21.483		
	TOTAL	1	1	1.200		140.833	117.361	8.770

[Signature]
18/3/24

Junior Engineer
RWD Works Division, Pakaridayal

[Signature]
18/3/24

Assistant Engineer
RWD Works Division, Pakaridayal

Executive Engineer
RWD Works Division, Pakaridayal

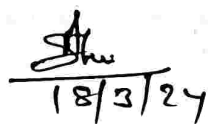
GENERAL ABSTRACT OF COST

Saraiya to Meghua Road to Mehgua Malikana

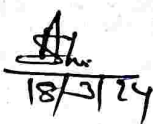
Road Length :- 1.200 km

Sl. No	Item of Work	Construction Cost(including LC,GST,S.F)	Contingency Cost	Total	Maintenance Cost(including LC,GST,S.F)	Gross Total
1	ROAD	128.052	2.881	130.93	12.781	143.714
2	BRIDGE	661.026	14.873	675.900	2.74	678.640
3	TOTAL	789.08	17.75	806.83	15.52	822.350

Total Cost of Project - Rupees Eight Crore Twenty Two Lakh(s) Thirty Five Thousand Only


18/3/24

Junior Engineer


18/3/24

Asstt. Engineer


18.3.24

Executive Engineer

Mukhya Mantri Gram Sampark Yojna (Tranche-III)

FORMAT F-5

YEAR (2023 - 2024)

GENERAL ABSTRACT OF COST

Block:--Tetariya

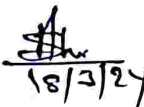
District:--East Champaran

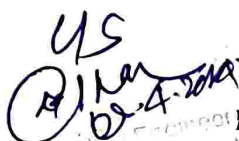
Length of Road:-- 1.200 KM

Name of Road:-- Saraiya to Meghua Road to Mehgua Malikana

SL. No.	Item of Work	Amount
	COST OF CONSTRUCTION	₹ 105.978 Lakhs
	CONSTRUCTION LABOUR CESS 1 %	₹ 1.060 Lakhs
	CONSTRUCTION SEIGNIORAGE AMOUNT	₹ 1.481 Lakhs
	CONSTRUCTION GST 18 %	₹ 19.533 Lakhs
A	TOTAL COST OF CONSTRUCTION	₹ 128.052 Lakhs
	FIVE YEAR MAINTENANCE COST	₹ 10.420 Lakhs
	MAINTENANCE LABOUR CESS 1 %	₹ 0.104 Lakhs
	MAINTENANCE SEIGNIORAGE AMOUNT	₹ 0.307 Lakhs
	MAINTENANCE GST 18 %	₹ 1.950 Lakhs
B	TOTAL FIVE YEAR MAINTENANCE COST	₹ 12.781 Lakhs
C	CONTINGENCY 2.25% OF TOTAL COST OF CONSTRUCTION	₹ 2.881 Lakhs
महंगा मही की मात्रा नीचे दी गई है - 1.200 - 1.200 - 1.200 - 1.200 - 1.200		
TOTAL कर के साथ ₹ 143.714 Lakhs		


18/3/24
Junior Engineer


18/3/24
Asstt. Engineer


18/3/24
Executive Engineer

A.A. Road length - 1.20 km & A.A. Bridge length - 77.28 m
 Amount Rs - 136.53 + 665.28 = 801.81 Lac vide letter
 No - 460 dt 12-3-22

(A) Technically Sanctioned of Road Length 1.20 KM for Rs. 143.71 Lac
 (one Crore Forty Three Lacs Seventy one Thousand) only
 Sanctioned 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.

(B) Technical Sanction accorded for bridge
 Length/Size 77.28 m (4x18.75m) per design & drawing approved
 by STA For Rs. 678.68 Lac (Rupees Six crore -
 Seventy Eight Lac Sixty Eight thousand) only
 Technical sanction does not mean sanction of rate.
 condition & directions Laid down to attached technical
 notes, with the DPR is to be followed strictly.

$$A+B = 143.71 + 678.68 = 822.39 \text{ Lac}$$

Technical Sanction accorded for bridge
 Length/Size 77.28 m (4x18.75m) & Road length - 1.20 km
 by STA For Rs. 822.39 (Rupees Eight crore
 Twenty Two Lac Thirty Nine thousand) only
 Technical sanction does not mean sanction of rate.
 condition & directions Laid down to attached technical
 notes, with the DPR is to be followed strictly.

12-4-22
 A.E.
 RWD

W. K. Singh
 E.E.
 RWD

P. K. Singh
 S.E.
 RWD

P. K. Singh
 C.E. 3
 RWD, PATNA

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : Saraiya to Meghua Road to Meghua Malikana
DISTRICT East Champaran
BLOCK Tetariya
LENGTH OF ROAD (in Km) : 1.200
LENGTH OF BT PAVEMENT 703
LENGTH OF CC PAVEMENT 320
LENGTH OF NO WORK 177
CD STRUCTURES
HUME PIPE 5
RCC CULVERT 0
BOX CELL CULVERT 0

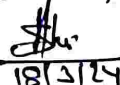
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)	Labour Cess 1%	AMOUNT (LAKHS)
1	PREPARATORY WORKS, SITE CLEARANCE, DISMANTLING	0.779	0.008	0.787
2	EARTHWORK	7.987	0.080	8.066
3	GSB	23.520	0.235	23.755
4	WBM GRADE II	0.000	0.000	0.000
5	WBM GRADE III	17.287	0.173	17.459
6	PRIME COAT	1.573	0.016	1.589
7	TACK COAT	0.540	0.005	0.546
8	MIX SEAL SURFACE	8.326	0.083	8.410
9	SEAL COAT	0.000	0.000	0.000
10	CEMENT CONCRETE PAVEMENT	18.585	0.186	18.771
11	HARD SHOULDERING	1.312	0.013	1.325
12	SIDE DRAINS	0.000	0.000	0.000
13	PROTECTION WORKS / BOULDER PITCHING	0.000	0.000	0.000
14	ROAD FURNITURES, KM STONES, TRAFFIC & DIRECTION SIGN, PMGSY LOGO	6.487	0.065	6.551
	SUB TOTAL OF PAVEMENT COST IN LAKHS =	86.396	0.864	87.260
15	CROSS DRAINAGE STRUCTURES			
I	HUME PIPE	19.582	0.196	19.778
II	RCC	0.000	0.000	0.000
III	BOX	0.000	0.000	0.000
IV	CAUSEWAY	0.000	0.000	0.000
V	REPAIR OF CD WORK	0.000	0.000	0.000
	SUB TOTAL OF CD STRUCTURES COST IN LAKHS =	19.582	0.196	19.778
	CONSTRUCTION SEIGNIORAGE AMOUNT			1.481
	COST OF CONSTRUCTION (Without GST)	105.978	1.060	108.519
	GST @ 18 % ON CONST. COST			19.533
	Sub Total ₹ :-			128.052
	5 years Maintenance			
I	1st Year Maintenance cost	0.608	0.006	0.614
II	2nd Year Maintenance cost	0.758	0.008	0.765
III	3rd Year Maintenance cost	3.442	0.034	3.477
IV	4th Year Maintenance cost	1.600	0.016	1.615
V	5th Year Maintenance cost	4.012	0.040	4.052
	MAINTENANCE SEIGNIORAGE AMOUNT			0.307
	COST OF MAINTENANCE (Without GST)	10.420	0.104	10.832
	GST @ 18 % ON CONST. COST			1.950
	Total Cost of 5 years Maintenance IN LAKHS =			12.781
	Add Contingency Charges @ 2.25% of Sub Total ` :-			2.881
	TOTAL COST OF PROJECT IN LAKHS =			143.714

Total Cost of Project Per Km (IN LAKHS):-

119.762


18/3/24
Junior Engineer

RWD Works Division, Pakaridayal


18/3/24
Assistant Engineer

RWD Works Division, Pakaridayal


16/3/24
Executive Engineer

RWD Works Division, Pakaridayal