



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

T-S Copy

BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)



New
Development
Bank

NDB-TRENCH-II

DETAILED PROJECT REPORT

YEAR (2023 - 2024)

MUKHYA MANTRI GRAM SAMPARK YOJNA (AWSESH)

STATE	:-	Bihar
DISTRICT	:-	Madhubani
BLOCK	:-	Khajauli
Survey ID	:-	30338
NAME OF ROAD	:-	Marukiya To bhola Mandal Tol To Dorik Mandal Tol Marukiya
TOTAL LENGTH OF ROAD	:-	0.400 km
TOTAL COST OF ROAD CONSTRUCTION	:-	Rs. 48.022 Lacs
COST OF ROAD CONSTRUCTION PER KM	:-	Rs. 120.055 Lacs
5 YEAR MAINTENANCE COST	:-	Rs. 1.809 Lacs
Contingency 2.25% On Construction Cost	:-	Rs. 1.080 Lacs
TOTAL COST OF PRIVATE LAND	:-	Rs. 0.00 Lacs
TOTAL COST OF PROJECT	:-	Rs. 50.912 Lacs

Submitted By:

Executive Engineer
RWD (w) Division, Madhubani
Madhubani

Prepared By:

Pachtaki Infotech Pvt. Ltd.
Block F, Flat no. 301, Jagmano Shree
Garden, Rukunpura, Khajpura, Patna-800014
Ph. No.-7070096626

Mukhya Mantri Gram Sampark Yojna (MMGSY)

YEAR (2023 - 2024)

GENERAL ABSTRACT OF COST

Block:--Khajauli

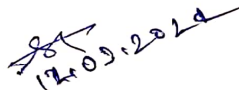
District:--Madhubani

Survey ID. :--30338

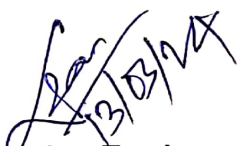
Length of Road:-- 0.400 KM

Name of Road:-- Marukiya To bhola Mandal Tol To Dorik Mandal Tol Marukiya

SL. No.	Item of Work	Amount
A		
	TOTAL COST OF CONSTRUCTION	48.022 Lacs
I	CONTINGENCY 2.25%	1.080 Lacs
	Sub Total= (A)	49.102 Lacs
B	FIVE YEAR MAINTENANCE COST	1.809 Lacs
C	TOTAL COST OF PRIVATE LAND	0.000 Lacs
	TOTAL cost of project (A+B+C)	50.912 Lacs


12.09.2024
Junior Engineer
RWD (w)Section , Khajauli

Asstt. Engineer
RWD (w)Sub Division , Khajauli


Executive Engineer
RWD (w) Division,
Madhubani



A.A. vide Letter No.: 419 Dated:- 01/03/24

A.A. Length:- 0.400 km

Construction cost :- Rs 47.400 Lacs

5 Yrs Maint. cost :- Rs 1.806 Lacs

Contingency :- Rs 1.066 Lacs

Total A.A = ₹ 50.272 Lacs

FOR T.S:-

Construction cost :- ₹ 48.022 Lacs

5 Yrs Maint. cost :- ₹ 1.809 Lacs

Contingency :- ₹ 1.080 Lacs

Total = ₹ 50.911 Lacs

BE Ref. No. 390, dt - 13/3/24

Technically Sanctioned of Road Length ^{0.400} KM For Rs. ^{50.911 Lacs}
(^{Lifty}.....Lacs ^{Ninety one} Thousand) ^{one hundred} 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


EO
RWD Works Circle
Madhubani


Superintending Engineer
RWD Works Circle
Madhubani

SUMMARY OF COST ESTIMATE FOR THE PROJECT

Survey ID	30338
NAME OF ROAD	Marukiya To bhola Mandal Tol To Dorik Mandal Tol Marukiya
DISTRICT	Madhubani
BLOCK	Khajauli
LENGTH OF ROAD (in Km)	0.400 KM
LENGTH OF BT PAVEMENT	0.000 M
LENGTH OF CC PAVEMENT	400.000 M
CD STRUCTURES	
HUME PIPE	1
RCC CULVERT	0
300 mm Utility Pipe	2
BOX CELL CULVERT	0
CAUSEWAY / MINOR BRIDGE	0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING	0.255
2	EARTHWORK	3.306
3	GSB	4.639
4	WBM GRADE II	0.000
5	WBM GRADE III	6.036
12	CC PAVEMENT	21.404
18	ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, MMGSY LOGO	2.103
19	TREE PLANTATION	0.000
	SUB TOTAL OF PAVEMENT COST IN LACS =	37.743
20	CROSS DRAINAGE STRUCTURES	
I	HUME PIPE	1.778
II	RCC	0.000
III	BOX	0.000
IV	Utility Pipe (300 mm Dia)	0.158
V	DISMANTLING OF CD	0.000
VI	REPAIR OF CD WORK	0.000
	SUB TOTAL OF CD STRUCTURES COST IN LACS =	1.936
	Sub Total :-	39.679
	1% Lab Cess :-	0.397
	Seigniorage Fee @ 10%	0.621
	18% GST on Total Amount :-	7.325
	Total Constriction Cost (including GST and Labour Cess) (A) :-	48.022
	Total Cost of 5 years Maintenance (IN LACS) :-	1.514
	1% Lab Cess :-	0.015
	Seigniorage Fee @ 10%	0.004
	18% GST on Total Amount :-	0.276
	Total (B) :-	1.809
	Add Contingency Charges @ 2.25% (IN LACS) on Cont. Cost (C) :-	1.080
	Total Cost Of Private Land	0.000
	TOTAL COST OF PROJECT IN LACS(including GST 18% & 1% Lab Cess)(A+B+C) :-	50.912

Junior Engineer

WD (w)Section , Khajauli

Assistant Engineer

RWD (w)Sub Division , Khajauli

Executive Engineer

RWD (w) Division, Madhubani



Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	(Rs.)
20	Painting on Parapet Wall (Black & White Strips) Painting two coats Including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	Sqm	12.48	139.16	1736.72
21	Cable Duct Across the Road :- Providing and laying of a reinforced cement concrete pipe duct 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:981997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.	Rm	15.00	1052.50	15787.45
				Total (A) =	3967898.69
				1% Lab Coss :-	39678.99
				Solignorage Fee @ 10%	62076.89
				18% GST on Total Amount :-	732537.82
				Total Construction Cost (Including GST and Labour Coss) (A) :-	4802192.39
22	1st Year Maintenance cost	Year	1	9744.00	9744.00
23	2nd Year Maintenance cost	Year	1	11579.00	11579.00
24	3rd Year Maintenance cost	Year	1	96357.00	96357.00
25	4th Year Maintenance cost	Year	1	14618.00	14618.00
26	5th Year Maintenance cost	Year	1	19118.00	19118.00
				Total (B) =	151416.00
				1% Lab Coss :-	1514.16
				Solignorage Fee @ 10%	416.39
				18% GST on Total Amount :-	27602.38
				Total Maintenance Cost GST and Labour Coss (B)	180948.93
				Grand Total Cost (A+B) =	4983141.32

Executive Engineer
R.W.D. Works Division

Prasanna

BOR is approved for Sl. No. 1 to Sl. No. 26 for Rs. 49,83,141.32
(Approx. forty nine lakh eighty three thousand one hundred and forty one rupees only)

Approved as Corrected

S.E.

Pravinandan P.

W.D., Works Circle, Madurai

