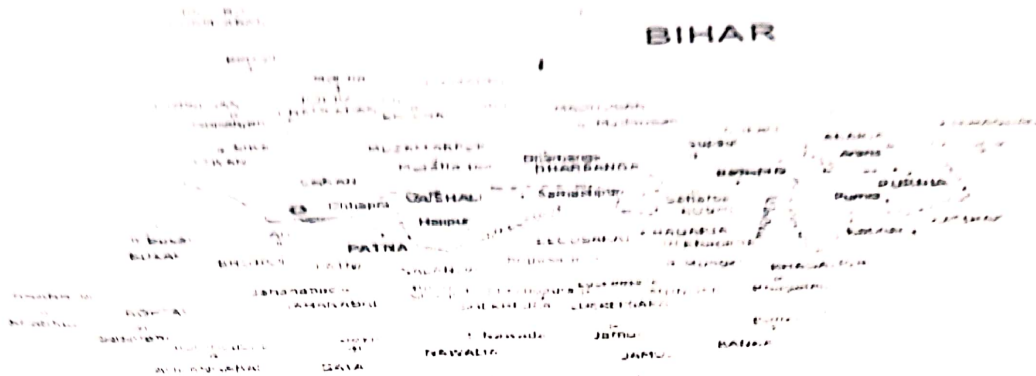




ग्रामीण कार्य विभाग

Rural Works Department Govt of Bihar

DETAILED PROJECT REPORT FOR MAINTENANCE OF ROAD



NAME OF THE ROAD :- NAYA RAJKIYA PRATHMIK VIDYALAYA NAURANGIYA DIH TO NAURANGIYA

DISTRICT - EAST CHAMPARAN	BLOCK - MADHUBAN		
TOTAL LENGTH OF ROAD	:	3.000	KM
AVERAGE COST PER KM	:	60.578	Lac
PART-A TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL	:	181.735 181.619	Lac
ADD LABOUR CESS @ 1% (A)	:	1.816	Lac
ADD GST @ 18% (A)	:	32.69	32.712 Lac
SEIGNIORAGE FEE	:	2.182	Lac
PART-B TOTAL COST OF 5 YEAR ORDINARY MAINTENANCE	:	27.536	Lac
ADD LABOUR CESS @ 1% (B)	:	0.275	Lac
ADD GST @ 18% (B)	:	4.956	Lac
SEIGNIORAGE FEE	:	0.032	Lac
EMERGENT COST 10% OF CONSTRUCTION	:	21.845	Lac
TOTAL COST OF PROJECT	:	273.091	Lac

SUBMITTED BY:- EXECUTIVE ENGINEER
R.W.D. WORKS DIVISION, PAKARIDAYAL.

25/1/08

PREPARED BY:- M/S - RANKINE TECHNO CONSULTANCY PVT. LTD.
Geetanjali Bhawan, Ground Floor, Beside of St. Karens
Primary School, Baldeo Bhawan-Pump House Road,
Punai Chak, Patna - 800023

GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

Name: Rajendra Prasad Kumar Vidyalaya, Naurangiya Dist: Naurangiya

DISTRICT: East Champaran
 BLOCK: Madhubani
 LENGTH OF ROAD (in Km): 2.000
 LENGTH OF BIT PAVEMENT: 1700.00
 LENGTH OF CC PAVEMENT: 1300.00
 CD STRUCTURES
 HUME PIPE
 RCC CULVERT

Sl. No.	DESCRIPTION	AMOUNT (LACS)
PART-A		
1	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL	0.312
2	PREPARATORY WORKS, BITE CUTLARGE, DISMANTLING	7.610
3	EARTHWORK	12.596
4	WBM GRADE II	10.133
5	WBM GRADE III	15.940
6	PRIME COAT	2.063
7	TACK COAT	2.072
8	PATCH WORK USING MIX SEAL SURFACING	2.172
9	SEMI-DENSE BITUMINOUS CONCRETE	22.235
10	BITUMINOUS MACADAM	0.000
11	CC PAVEMENT	70.176
12	DRAINS & CROSS DRAINS	0.000
13	PROTECTION WORKS	0.000
14	ROAD FURNITURES, KM STONES, TRAFFIC & DIRECTION SIGN, PROJECT LOGO AND PLANTATION OF TREE	9.08
15	CROSS DRAINAGE STRUCTURES	
I	HUME PIPE	0.000
II	BOX CULVERT	16.602
III	DISMANTLING OF CULVERT	0.202
IV	REPAIR WORK	2.157
	SUB TOTAL OF INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL =	181.691
	AVERAGE COST PER KM (IN LACS) =	60.578
PART-B		
	5 YEAR ORDINARY MAINTENANCE COST	
	1st Year	2.380
	II nd Year	3.238
	III rd Year	8.632
	IV th Year	4.113
	V th Year	9.173
	SUB TOTAL OF 5 YEAR ORDINARY MAINTENANCE COST =	27.536
	TOTAL COST OF 5 YEAR ORDINARY MAINTENANCE PER MONTH (IN LACS)	0.459
	ADD LABOUR CESS @ 1% (A+B)	2.083
	ADD GST @ 18% (A+B)	37.669
	ADD SEIGNIORAGE FEE	2.214
	EMERGENT COST 10% OF CONSTRUCTION	21.845
	TOTAL COST OF PROJECT IN LACS =	273.091

by
 20/9/22
 J.E.

A.E.

27/5/22
 E.E.

M/R UNDER 3054

GENERAL ABSTRACT OF COST

Sl. No.	Item of Work	Amount
A	COST OF CONSTRUCTION	181.619 441.735 Lacs
	SEIGNIORAGE FEE	2.182 Lacs
	ADD LABOUR CESS @ 1%	1.812 4.217 Lacs
	ADD GST @ 18%	32.691 22.712 Lacs
	TOTAL COST OF CONSTRUCTION (A)	218.308 218.446 Lacs
B	COST OF FIVE YEAR MAINTENANCE	27.536 Lacs
	SEIGNIORAGE FEE	0.032 Lacs
	ADD LABOUR CESS @ 1%	0.275 Lacs
	ADD GST @ 18%	4.956 Lacs
	TOTAL COST OF FIVE YEAR MAINTENANCE (B)	32.800 Lacs
C	AVERAGE COST PER KM	60.578 Lacs
D	EMERGENT COST 10% OF CONSTRUCTION	21.845 Lacs
		251.108
	TOTAL	273.091 Lacs

W. J. Jeyaraj
20.9.22
Junior Engineer

M. V. Jeyaraj
20/9/22
Asstt. Engineer

V. Jeyaraj
27/5/22
Executive Engineer

C/S
Chandrasekhar
20.10.22
Superintending Engineer
Rural Works Department
Works Circle, Motihari

20/10/2022