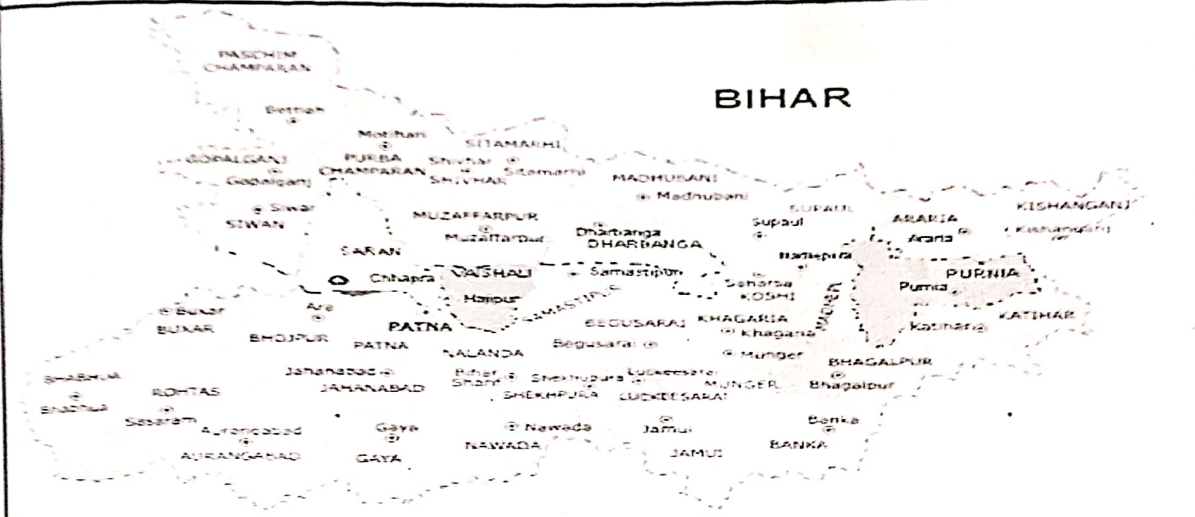




ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR MAINTENANCE OF ROAD



NAME OF THE ROAD :- ISLAMPUR CHOWK TO BAITHANIYA

DISTRICT - WEST CHAMPARAN

BLOCK - BERIYA

TOTAL LENGTH OF ROAD	:	1.775	KM
AVERAGE COST PER KM	:	59.030	Lac
PART-A TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL	:	104.779	Lac
ADD LABOUR CESS @ 1% (A)	:	1.048	Lac
ADD GST @ 12% (A)	:	12.573	Lac
SEIGNIORAGE FEE	:	0.791	Lac
PART-B TOTAL COST OF 5 YEAR ORDINARY MAINTENANCE	:	13.988	Lac
ADD LABOUR CESS @ 1% (B)	:	0.140	Lac
ADD GST @ 12% (B)	:	1.679	Lac
SEIGNIORAGE FEE	:	0.017	Lac
EMERGENT COST @ 10%	:	11.919	Lac
TOTAL COST OF PROJECT	:	146.934	Lac

SUBMITTED BY:- EXECUTIVE ENGINEER

R.W.D. WORKS DIVISION, BETTIAH.

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 OF ROAD :

ISLAMPUR CHOWK TO RAITHANIYA

DISTRICT

West Champaran

BLOCK

Beriyia

LENGTH OF ROAD (in Km)

1.775

LENGTH OF ST PAVEMENT

700.00

LENGTH OF CC PAVEMENT

1075.00

STRUCTURES

HUME PIPE

0

BOX CULVERT

2

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
PART-A	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL	
1	PREPARATORY WORKS, SITE CLEARANCE, DISMANTLING	
2	EARTHWORK	0.438
3	GSB	5.183
4	WBM GRADE II	1.552
5	WBM GRADE III	3.340
6	PRIME COAT	6.856
7	TACK COAT	0.538
8	PATCH WORK USING MIX SEAL SURFACING	0.726
9	SEMI-DENSE BITUMINOUS CONCRETE	2.353
10	BITUMINOUS MACADAM	9.434
11	CC PAVEMENT	0.000
12	DRAINS & CROSS DRAINS	52.851
13	PROTECTION WORKS	0.000
14	ROAD FURNITURES, KM STONES, TRAFFIC & DIRECTION SIGN, PROJECT LOGO AND PLANTATION OF TREE	0.000
15	6.208	
	CROSS DRAINAGE STRUCTURES	
I	HUME PIPE	
II	BOX CULVERT	0.000
III	DISMANTLING OF CULVERT	14.794
IV	REPAIR WORK	0.142
		0.362
	SUB TOTAL OF INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL =	104.779
	AVERAGE COST PER KM (IN LACS) =	59.030
PART-B	5 YEAR ORDINARY MAINTENANCE COST	
	I st Year	1.153
	II nd Year	1.561
	III rd Year	4.498
	IV th Year	2.011
	V th Year	4.765
	SUB TOTAL OF 5 YEAR ORDINARY MAINTENANCE COST =	13.988
	8.430	
	TOTAL COST OF 5 YEAR ORDINARY MAINTENANCE PER MONTH (IN LACS)	0.233
	ADD LABOUR CESS @ 1% (A+B)	1.188
	ADD GST @ 12% (A+B)	14.252
	ADD SEIGNIORAGE FEE	0.808
	EMERGENT COST @ 10% ON PART - A	11.919
	TOTAL COST OF PROJECT IN LACS =	146.934

J.E.

25.3.22

A.E.

E.E.