

Attachment-2
Estimated Cost of Project

The project cost estimates are based on the established designs for the corridor using the results of survey and investigations, rather than the conventional way of using the block cost estimates. Preliminary cost estimate of project road is 341.33 Cr.

COST ABSTRACT SUMMARY PKG I Ex Chainage 0+000 to 42+250		
S.NO.	PARTICULARS	AMOUNT IN RUPEES
1	Site Clearance and Dismantling	49,844,449
2	Earth Work	123,915,562
3	Granular Base Course and Sub Base	339,659,016
4	Pavement (Asphalt & Concrete)	672,034,291
5	Construction of Culverts (Pipe/Box) - New, Widening & Reconstruction	217,918,729
6	Structures: - Major Bridge / Minor Bridge / Flyover / VUP / PUP / Repair & Rehabilitation	276,223,157
7	Drainage and Protective Works	170,200,566
8	Junctions, Traffic Signs Marking and Other Appurtenances	205,272,665
9	Traffic management during construction and Maintenance during construction	7,908,659
10	Horticulture	65,576,002
11	Project Facilities	25,788,423
12	Electrical Works	57,255,933
13	Repairs and Rehabilitation of existing Bridges	9,076,150
A	CIVIL CONSTRUCTION COST (I TO 13) (Excluding GST & Labour Cess)	2,220,673,604
B	Add GST Charge @12% (A)	266,480,832.45
	Total(A+B)	2,487,154,436.19
C	Labour cess@1%	24,871,544.36
D	Utility Relocation Cost	44,413,472.07
I	CIVIL CONSTRUCTION COST (A+B+C+D)	2,556,439,453
II	Escalation during construction @10% of Civil Cost (I)	255,643,945
III	Contingencies @2.8% of Civil Cost (I)	71,580,305
IV	Maintenance during DLP of 5 Years 0.25% for 1 st & 2 nd year 0.5% for 3 rd & 4 th year 1.0% for 5 th year	63,910,986
V	Construction supervision @3% of Civil Cost (I)	76,693,184
VI	Administrative Charge @1% of Civil Cost (I)	25,564,395
VII	Centages (II+III+IV+V+VI)	493,392,814
VIII	Total Project Cost (I+VII)	3,049,832,267
IX	Total Environmental Cost	111,033,680
X	Land acquisition Cost	2 52,450,000
	Total capital Cost (VIII+IX+X)	3,413,315,947
	Say (Amount in crore)	341.33
	Cost per KM (Amount in crore)	8.08

Date: 17/12/2021

Place: - Chaibasa


(Binod Kachhap)
Executive Engineer
Nation Highway Division Chaibasa

EXECUTIVE ENGINEER
N. H. DIVISION
CHAIBASA

Signature & Seal