



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT

YEAR (2020 -2021)

MMGSY-SC

SPAN -2 X 14.50

CONSTRUNTION OF HL BRIDGE AT SANKOLA TO SHAHPARA BENGAL SEEMA

STATE :- BIHAR
DISTRICT :-KATIHAR
BLOCK :-BARSOI

TOTAL LENGTH OF BRIDGE	32.12 M.
LENGTH OF APPROACH ROAD	50.00 M.
TOTAL COST OF CONSTRUCTION	₹ 181.66 Lacs
COST OF BRIDGE INCLUDING APP. PER M	₹ 5.58 Lacs
5 YEAR MAINTENANCE COST	₹ 1.08 Lacs
TOTAL COST OF PROJECT	₹ 182.740 Lacs

SUBMITTED BY:
EXECUTIVE ENGINEER
RWD (W) DIVISION, BARSOI
KATIHAR

PREPARED BY:
FLEXICON ENGINEER'S & PLANNER PVT LTD
G.F., SAHJANI HOURSE, WEST BORING CANNAL
PATNA-800001
MOB.:- 09472445304, 09709888878

YEAR (2020 -2021)

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF BRIDGE :

CONSTRUNTION OF HL BRIDGE AT SANKOLA TO SHAHPARA BENGAL
SEEMA

DISTRICT :

KATIHAR

BLOCK :

BARSOI

LENGTH OF BRIDGE :

32.12 m

LENGTH OF APPROCH :

50.00 m

SPAN ARRANGEMENT :

SPAN -2 X 14.50

TOTAL LENGTH OF IMPROVEMENT

82.12 m

Sl. No.	DESCRIPTION	AMOUNT (RS.)
A		
I	COST OF BRIDGE STRUCTURE	150.580
II	COST OF APPROACH	5.826
	TOTAL COST OF CONSTRUCTION=	156.406
	GST 12% =	18.769
	LABOUR CESS 1% =	1.564
	SEIGNOIRAGE FEE 10% =	0.678
	TOTAL COST OF CONST. (A)=	177.418
	SUB TOTAL (A+B) =	181.660
B	FIVE YEAR MAINTENANCE COST	0.949
	GST 12% =	0.114
	LABOUR CESS 1% =	0.009
	SEIGNOIRAGE FEE 10% =	0.008
	TOTAL =	1.080
	G. TOTAL	178.498

Junior Engineer

KATIHAR

Assistant Engineer

KATIHAR

Executive Engineer

KATIHAR

S.E.
RWD (w) Circle.

A/A vide letter no. 59 dt. 20.1.20

A/A Amail

For Road - ₹ 90.61 Lacs

For Bridge - ₹ 153.294 Lacs

₹ 243.904 Lacs

Estimate Amail

For Road

Const. est - ₹ 85.516 Lacs

Contingency @ 2.5% - ₹ 1.679 Lacs

₹ 87.195 Lacs

Maint. est -

₹ 9.662 Lacs

₹ 96.857 Lacs

increase 6.89% in A/A

For Bridge

Const. est - ₹ ~~159.365~~ 180.801 Lacs

Contingency @ 2.5% - ₹ ~~3.585~~ 3.519 Lacs

₹ ~~184.386~~ 180.937 Lacs

Contingency @ Maint. est - ₹ 1.08 Lacs

₹ ~~185.466~~ 182.017 Lacs

increase 18.73% in A/A

Total = A+B = ₹ 278.874 Lacs

≈ ₹ 278.87 Lacs

T.S. No - 191/20-24

dt - 16.7.20

SB letter no - 1427

dt - 13.7.20

Technical Sanction Accorded as per Design & drawing approved by STA for Rs. ~~Two~~ ^{Seventy eight} Crores ~~(Eighty seven thousand)~~ ^{thousand} only. Sanction of Estimate does not mean sanction of rates conditions & directions laid down in attached technical notes with the DPR is to be followed strictly.

16/7
ASSISTANT ENGINEER
CE-2 OFFICE
RWD, PATNA

16.7.20
Chief Engineer-2
Rural Works Department
Patna