



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



BIHAR RURAL ROADS PROJECT Bihar Rural Road Development Agency (BRRDA) Govt. of Bihar

YEAR 24-25

MUKHYA MANTRI GRAM SAMPRAK YOJNA, AWASHES (NDB)



Name of the Road :-

Near RCC Culvert Pmgsy Darna Road TO Aruhi Viskarma House And Harijan Tola

Survey ID	:	29176	
DISTRICT	:	Gaya	
DIVISION	:	Sherghati	
BLOCK	:	Amas	
TOTAL LENGTH OF ROAD	:	1.500	KM
TOTAL COST OF CONSTRUCTION	:	125.033	Lac
COST OF ROAD CONSTRUCTION PER KM	:	83.355	Lac
SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION.	:	14.849	Lac
(EMERJENT@15%,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%) .	:	25.528	Lac
LAND ACQUISITION COST.	:	8.268	Lac
TOTAL COST OF PROJECT.	:	173.678	Lac

SUBMITTED BY:-

PREPARED BY:-

EXECUTIVE ENGINEER
RWD (W) DIVISION Sherghati
Gaya

Prepared By:
A.K. ENGINEERING SERVICES.
Darna Road, Mahunwan
Hamzapur, Sherghati-824211
MOB: +91 7739181616

MUKHYA MANTRI GRAM SAMPRAK YOJNA, AWASHES (NDB)

YEAR 24-25

GENERAL ABSTRACT OF COST

Block:- **Amas**

District:- **Gaya**

Length of Road:- **1.500 KM**

Name of Road:- **Near RCC Culvert Pmgys Darna Road TO Aruhi Viskarma House And Harijan Tola**

SL. No.	Item of Work	Amount
1	CONSTRUCTION COST :	91.719 Lacs
2	5TH YEAR PERIODIC RENEWAL COST . :	10.811 Lacs
	TOTAL ESTIMATED COST (1+2) :	102.529 Lacs
	Add Labour Cess @ 1% :	1.025 Lacs
	Add Seigniorage Fee @ 10% on Material Cost only :	2.405 Lacs
	Sub Total :	105.960 Lacs
	Add GST @ 18% :	19.073 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A" :	125.033 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION . :	12.115 Lacs
	Add Labour Cess @ 1% :	0.121 Lacs
	Add Seigniorage Fee @ 10% on Material Cost only :	0.348 Lacs
	Sub Total :	12.584 Lacs
	Add GST @ 18% :	2.265 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B" :	14.849 Lacs
C	SUB TOTAL COST (A+B) :	139.882 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C" :	20.982 Lacs
E	Contingency @ 1% OF "C" :	1.399 Lacs
F	Administrative Cost @ 2.25% OF "C" :	3.147 Lacs
G	Land acquisition :	8.268 Lacs
H	TOTAL PROJECT COST (C+D+E+F+G+H) :	152.106 Lacs

Junior Engineer

Asstt. Engineer

E. Engineer

**SE
RWD**

**Superintending Engineer
Rural Works Department
Works Circle, Gaya**

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :	Near RCC Culvert Pmgsy Darna Road TO Aruhi Viskarma House And Harijan Tola
STRICT	Gaya
BLOCK	Amas
VISION	Sherghati
LENGTH OF ROAD (in Km)	1.500
LENGTH OF BT PAVEMENT	700
LENGTH OF CC PAVEMENT	800
STRUCTURES	
HUME PIPE	3
RCC CULVERT	0
BOX CELL CULVERT	1
CAUSEWAY / MINOR BRIDGE	0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING	0.788
2	EARTHWORK	10.672
3	GSB GRADING - II	8.849
5	WBM GRADE II	6.724
5	WMM GRADE III	9.224
6	PRIME COAT	1.472
7	TACK COAT	0.506
8	MIX SEAL SURFACING WITH WASTE PLASTIC	5.646
9	PAVEMENT QUALITY CONCRETE.	20.538
10	Edging with 1st Class Bricks	1.553
11	SIDE DRAINS & CROSS DRAIN	0.000
12	PROTECTION WORKS	0.000
13	ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, PMGSY LOGO	3.716
14	CABLE DUCT ACROSS THE ROAD	0.333
	SUB TOTAL OF PAVEMENT COST IN LACS =	70.021
14	CROSS DRAINAGE STRUCTURES	
I	HUME PIPE	8.741
II	RCC	0.000
III	BOX	12.957
IV	CAUSEWAY	0.000
V	REPAIR OF CD WORK	0.000
	SUB TOTAL OF CD STRUCTURES COST IN LACS =	21.698
	Total Construction Cost.	91.719
15	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	
	I st Year	1.634
	II nd Year	2.024
	III rd Year	2.412
	IV th Year	2.801
	VI th Year	1.397
	VII th Year	1.847
	SUB TOTAL OF =SIX YEARS OPERATION & MANAGEMENT (O&M)	12.115

JE A.10/2/25
RWD

AE F.12/25
RWD

TE 10-02-25
RWD

Total Construction Cost: →	125.033 laes	125.033 laes .
Minor Improvement Initial Rectification 5th Year Periodic Renewal Total Maintenance Cost →	14.849 laes .	14.849 laes .
(1st, 2nd, 3rd, 4th, 6th & 7th): (Land Acquisition) Other Cost: →	8.286 laes .	8.286 laes .
Emergent Cost →	20.982 laes .	
Contingency Cost →	1.399 laes .	1.125 laes .
Administrative Cost →	3.147 laes .	2.813 laes
<u>Total</u>	<u>173.678 laes</u>	<u>152.106 laes</u>

T.A. No..... dt.....
 Ref. SE letter No..... dt.....
 Technically Approved for Rs. 173.678 laes .
 (Rupees one crore seventy three lac
sixty seven thousand eight hundred) Only
 for construction work & 5 Years Maintenance

A.E.

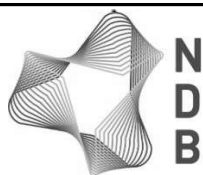
E. 11/24/21
 Tech. Secy.

T.A. No..... dt.....
 Ref. SE letter No..... dt.....
 Technically Approved for Rs. 152.106 laes .
 (Rupees one crore fifty two lac ten
thousand six hundred) Only
 for construction work & 5 Years Maintenance

A.E.

E. 11/24/21
 Tech. Secy.

C.F.

N
D
B

ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

बिहार ग्रामीण पथ विकास एजेंसी



BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

Govt. of Bihar

YEAR 24-25

MUKHYA MANTRI GRAM SAMPRAK YOJNA, AWASHES (NDB)



Name of the Road :-

Near RCC Culvert Pmgys Darna Road TO Aruhi Viskarma House And Harijan Tola

Survey ID	:	29176	
DISTRICT	:	Gaya	
DIVISION	:	Sherghati	
BLOCK	:	Amas	
TOTAL LENGTH OF ROAD	:	1.500	KM
TOTAL COST OF CONSTRUCTION	:	125.033	Lac
COST OF ROAD CONSTRUCTION PER KM	:	83.355	Lac
SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	:	14.849	Lac
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%) .	:	25.528	Lac
LAND ACQUISITION COST.	:	8.268	Lac
TOTAL COST OF PROJECT.	:	173.678	Lac

SUBMITTED BY:-

PREPARED BY:-

EXECUTIVE ENGINEER
RWD (W) DIVISION Sherghati
Gaya

Prepared By:

A.K. ENGINEERING SERVICES.
Darna Road, Mahunwan
Hamzapur, Sherghati-824211
Mob: +91 7739181616

प्रपत्र
एकल संपर्कता प्रमाण - पत्र
 (Single Connectivity Certificate)
 (यह प्रमाण-पत्र कार्यपालक अभियंता द्वारा स्व-हस्तालिखित होना चाहिए)

प्रमाणित किया जाता है कि:-

(1) Near RCC Culvert Pmgsy Darna Road TO Aruhi Viskarma House And Harijan Tola

पथ का DPR बनाया गया है वह राज्य कोर नेटवर्क में सम्मिलित है

तथा Gaya जिला Amas प्रखंड के State CNCPL/State CUPL के कमांक
29176 पर अंकित है।

(2) इस पथ को मैंने स्वयं देखा है तथा इस पर भ्रमण किया है। इस पथ का बनाया जाना जनोपयोगी है तथा इसके लिये सरकारी भूमि उपलब्ध है।

(3) इस पथ से जिन बसावटो को संपर्कता प्रदान की जा रही है उन्हें पहले से किसी बारहमासी पथ से संपर्कता पथ नहीं मिल रही है तथा प्रस्तावित पथ/पुल उन्हें बारहमासी एकल संपर्कता (Single connectivity) ही प्रदान करेगा।

(4) इस पथ के निर्माण होने पर अनुसूचित जाति/जनजाति के लगभग जनसंख्या लाभान्वित होंगे।

कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रमंडल