



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 Surendra Yadav House In Sonekhap Ghuji Road TO Dhab Chirayan

Survey ID	:	29788	
DISTRICT	:	Gaya	
DIVISION	:	Sherghati	
BLOCK	:	Sherghati	
TOTAL LENGTH OF ROAD	:	1.500	KM
TOTAL COST OF CONSTRUCTION	:	75.373	Lac
COST OF ROAD CONSTRUCTION PER KM	:	50.248	Lac
SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	:	10.118	Lac
(EMERJENT@15%,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%) .	:	15.602	Lac
LAND ACQUISITION COST.	:	0.000	Lac
TOTAL COST OF PROJECT.	:	101.093	Lac

SUBMITTED BY:-

PREPARED BY:-

EXECUTIVE ENGINEER
RWD (W) DIVISION Sherghati
Gaya

Prepared By:

A.K. ENGINEERING SERVICES.
Darna Road, Mahunwan
Hamzapur, Sherghati-824211
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MUKHYA MANTRI GRAM SAMPRAK YOJNA, AWASHES (NDB)**YEAR 24-25****GENERAL ABSTRACT OF COST**Block:- **Sherghati**District:- **Gaya**Length of Road:- **1.500 KM**Name of Road:- **Near Surendra Yadav House In Sonekhap Ghujl Road TO Dhab Chirayan**

SL. No.	Item of Work	Amount
1	CONSTRUCTION COST :	58.208 Lacs
2	5TH YEAR PERIODIC RENEWAL COST . :	2.706 Lacs
	TOTAL ESTIMATED COST (1+2) :	60.914 Lacs
	Add Labour Cess @ 1% :	0.609 Lacs
	Add Seigniorage Fee @ 10% on Material Cost only :	2.352 Lacs
	Sub Total :	63.875 Lacs
	Add GST @ 18% :	11.498 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A" :	75.373 Lacs
3	MAINTAINANCE SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION . :	8.150 Lacs
	Add Labour Cess @ 1% :	0.082 Lacs
	Add Seigniorage Fee @ 10% on Material Cost only :	0.343 Lacs
	Sub Total :	8.575 Lacs
	Add GST @ 18% :	1.543 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B" :	10.118 Lacs
C	MAINTAINANCE SUB TOTAL COST (A+B) :	85.491 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C" :	12.824 Lacs
E	Contingency @ 1% OF "C" :	0.5753 0.855 Lacs
F	Administrative Cost @ 2.25% OF "C" :	1.695 1.924 Lacs
G	Land acquisition :	0.000 Lacs
H	TOTAL PROJECT COST (C+D+E+F+G+H) :	87.939 101.093 Lacs

Junior Engineer

Asstt. Engineer

E. Engineer

SE
RWDSuperintending Engineer
Rural Works Department
Works Circle, Gaya

Page 28

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :	Near Surendra Yadav House In Sonekhap Ghuji Road TO Dhab Chirayan
STRICT	Gaya
BLOCK	Sherghati
VISION	Sherghati
LENGTH OF ROAD (in Km)	1.500
LENGTH OF BT PAVEMENT	0
LENGTH OF CC PAVEMENT	1500
STRUCTURES	
HUME PIPE	2
RCC CULVERT	0
BOX CELL CULVERT	0
CAUSEWAY / MINOR BRIDGE	0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING	0.709
2	EARTHWORK	6.746
3	GSB GRADING - II	4.317
5	WBM GRADE II	0.000
5	WMM GRADE III	4.397
6	PRIME COAT	0.000
7	TACK COAT	0.000
8	MIX SEAL SURFACING WITH WASTE PLASTIC	0.000
9	PAVEMENT QUALITY CONCRETE.	29.619
10	Edging with 1st Class Bricks	2.912
11	SIDE DRAINS & CROSS DRAIN	0.000
12	PROTECTION WORKS	0.000
13	ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, PMGSY LOGO	3.509
14	CABLE DUCT ACROSS THE ROAD	0.333
	SUB TOTAL OF PAVEMENT COST IN LACS =	52.541
14	CROSS DRAINAGE STRUCTURES	
I	HUME PIPE	5.667
II	RCC	0.000
III	BOX	0.000
IV	CAUSEWAY	0.000
V	REPAIR OF CD WORK	0.000
	SUB TOTAL OF CD STRUCTURES COST IN LACS =	5.667
	Total Construction Cost.	58.208
15	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION.	
	I st Year	1.008
	II nd Year	1.310
	III rd Year	1.608
	IV th Year	1.907
	VI th Year	1.008
	VII th Year	1.310
	SUB TOTAL OF =SIX YEARS OPERATION & MANAGEMENT (O&M)	8.151


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Total Construction Cost: →	75.373 lacs	75.373 lacs
Minor Improvement Initial Rectification 5th Year Periodic Renewal Total Maintenance Cost →	10.418 lacs	10.418 lacs
(1st, 2nd, 3rd, 4th, 6th & 7th): Other Cost: Emergent Cost →	12.824 lacs	
Contingency Cost →	0.855 lacs	0.753 lacs
Administrative Cost →	1.924 lacs	1.695
<u>Total</u> →	<u>101.093 lacs</u>	<u>87.939 lacs</u>

T.A. No. dt.
 Ref. SE letter No. dt.
 Technically Approved for Rs. 101.093 lacs.
 (Rupees one crore one lac nine thousand
three hundred) Only
 for construction work & 5 Years Maintenance

A.E. Vijay 24/12/25 24.82.25 24.82.25
 Secy. C.E.-2

T.A. No. dt.
 Ref. SE letter No. dt.
 Technically Approved for Rs. 87.939 lacs.
 (Rupees eighty seven lac nine thousand
three hundred) Only
 for construction work & 5 Years Maintenance

A.E. Vijay 24/12/25 24.82.25 24.82.25
 Secy. C.E.-2