

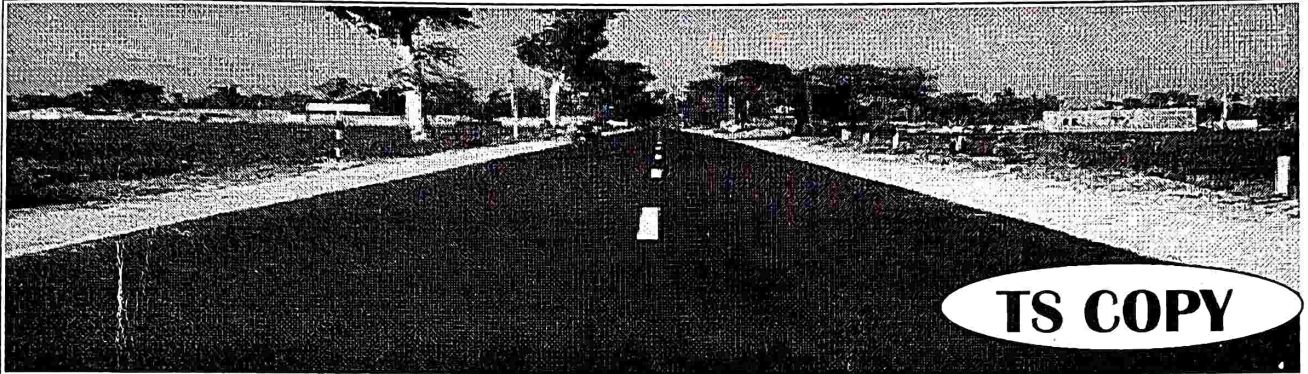


ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)



TS COPY

DETAILED PROJECT REPORT

STATE :-	Bihar	DISTRICT :-	Begusarai
DIVISION :-	Teghra	BLOCK :-	Bhagwanpur
NAME OF ROAD :-	T03 House of Bishnu Julum Rai To Bari Akha Bandh		
TOTAL LENGTH OF ROAD.	=	0.610 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	0.610 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 28.236 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 46.289 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 3.290 Lacs	
(CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 1.025 Lacs	
TOTAL PROJECT COST	=	Rs. 32.550 Lacs	
YEAR (2024 - 2025)			

Submitted By :-
Executive Engineer
RWD (w) Division, Teghra
Begusarai

Prepared By:
LORD KRISHNA CONSULTANCY PVT. LTD.
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Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:-- Bhagwanpur

District:- Begusarai

Construction Length Of Road:- 0.610 KM

Name Of Road:-- T03 House of Bishnu Julum Rai To Bari Akha Bandh

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	22.461 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	0.908 Lacs
	TOTAL ESTIMATED COST (1+2)	23.369 Lacs
	Labour Cess @1%	0.234 Lacs
	Add Seigniorage Fee @10%	0.326 Lacs
	Sub Total	23.929 Lacs
	GST @18%	4.307 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	28.236 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	2.739 Lacs
	Labour Cess @1%	0.027 Lacs
	Add Seigniorage Fee @10% .	0.021 Lacs
	Sub Total	2.788 Lacs
	GST @18%	0.502 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	3.290 Lacs
C	SUB TOTAL COST (A+B)	31.526 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	0.000 Lacs
E	Contingency @ 1% OF "C"	0.315 Lacs
F	Administrative Cost @ 2.25% OF "C"	0.709 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	32.550 Lacs

[Signature]
3-3-2025
Junior Engineer

Asstt. Engineer

[Signature]
03/03/25
Executive Engineer

SE
RWD

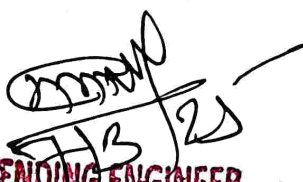
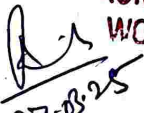
~~AAEP~~

AA = 35.538 Lakh, Length = 0.610 Km, Vide Letter No. 365, Date - 14.2.2025

For T.S

Const. Cost. = 28.236 Lakh ✓
6 year Maint. Cost = 3.290 Lakh ✓
Admin. Cost = 0.709 Lakh ✓
Contingency = 0.315 Lakh ✓
Totaly 32.550 Lakh ✓

Technically Sanction for Rs 32.550 Lakh (Thirty two Lakh fifty five thousand) only


713/25
SUPERINTENDING ENGINEER
RURAL WORK DEPARTMENT
WORKS CIRCLE-BEGUSARAI

07-03-25

GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

LINK ROUTE No.

NAME OF ROAD :

T03 House of Bishnu Julum Rai To Bari Akha Bandh

DISTRICT

Begusarai

BLOCK

Bhagwanpur

DIVISION

Teghra

CONST. LENGTH OF ROAD (KM)

0.610

LENGTH OF BT PAVEMENT (M)

0

LENGTH OF CC PAVEMENT (M)

610

CD STRUCTURES

HUME PIPE

0

RCC SLAB CULVERT

0

BOX CELL CULVERT

0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
PART-I	INITIAL RECTIFICATION WORKS.	
1	PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING	0.089
2	EARTHWORK	0.387
3	GSB GR-II	0.000
4	WBM GRADE III	0.000
5	WMM GRADE III	0.000
6	PRIME COAT	0.000
7	PATCH WORK USING MSS	0.000
8	TACK COAT	0.000
9	BM	0.000
10	SDBC	0.000
11	Edging with 1st Class Bricks, Lald Dry Length wise.	0.000
12	Cement Concrete Pavement (PQC)	20.492
13	Interlocking Concrete Block Pavement	0.000
14	DRAIN	0.000
15	PROTECTION WORK	0.000
16	ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, MAINTENANCE BOARD,ROAD SAFETY & PLANTATION OF TREES.	1.416
17	CROSS DRAINAGE STRUCTURES	
	HUME PIPE	0.000
	RCC	0.000
	BOX	0.000
	IRRIGATION PIPE (300 MM DIA)	0.077
	DISMANTLING OF CD	0.000
	REPAIR OF CD WORK	0.000
	SUB TOTAL OF INTIAL RECTIFICATION WORKS =	22.461
PART-II	5TH YEAR PERIODIC RENEWAL COST .	0.908
	TOTAL ESTIMATED COST (PART-I+PART-II)	23.369
PART-III	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	
	I st Year	0.536
	II nd Year	0.563
	III rd Year	0.544
	IV th Year	0.544
	VI th Year	0.276
	VII th Year	0.276
	SUB TOTAL OF =SIX YEARS OPERATION & MANAGEMENT (O&M)	2.739
	TOTAL COST (without GST, LC and SF) (PART-I+PART-II+PART-III)(IN LACS) =	26.108

Sub
3-3-2025
JE

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Sl. No.	SDB SL No	MORD Ref No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In RS)
			SUB HEAD : CC PAVEMENT								
3	6.4	1500	Cement Concrete Pavement (PQC) Construction of un-reinforced, plain cement concrete pavement (M35 Grade) over a prepared sub base with 43 grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form paver, spread, compacted and finished in a continuous operation including provision of 0.5 x 0.5 panel, joint filler, separation membrane, sealant primer, joint sealant, debonding strip as approved, curing compound, finishing to lines and grades as per drawing.								
			OVERLAY OVER EX. PCC M(3.75 M) In Profile & Pot Repair	Cum	1.00	610.00	3.75	0.125	285.94		
			Net Qty	Cum	5%	610.00	3.75	0.125	14.30		
									300.24	6,825.41	20,49,241.00
			D) SUB TOTAL OF CC PAVEMENT								20,49,241.00
			SUB HEAD : ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN ,MMGSY LOGO								
4	10.1	1700	Kilometre stone Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and printing , etc as per drawing and technical specification clause 1703.								
			i) 5th km stone	No.	0					4,963.84	0.00
			ii) Km stone	No.	2					2,700.86	5,402.00
			iii) 200 m stone	No.	2					753.46	1,507.00
5	10.9	1700	Direction And Place Identification Signs With Size More Than 0.9 Sqm Size Board Retro-reflectorised Traffic Signs Providing and erecting direction and place identification retro-\reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on mild steel angle iron posts 75 mm x 75 mm x 6 mm, 2 Nos. firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing and Technical Specification Clause 1701.								
				Sqm	1	1.20	0.80		0.96	13,550.17	13,008.16
6	10.2	1700 300	Retro-reflectorised Traffic Signs Providing and fixing of retro-reflectorised cautionary, mandatory and informative sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801								
		i)	600 mm equilateral & triangle	Nos		1.00				4,058.42	4,058.42
		ii)	600 mm circular	Nos		0.00				4,006.43	0.00
		iii)	600 mm x 450 mm rectangular	Nos		1.00				3,871.67	3,871.67
		iv)	900 mm side octagon	Nos		0.00				8,038.61	0.00
7	10.1	1700	Boundary Pillar/Guard Post Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC:25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704								
				Nos	2					660.18	1,320.36
8	10.8	1700	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface								

