



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

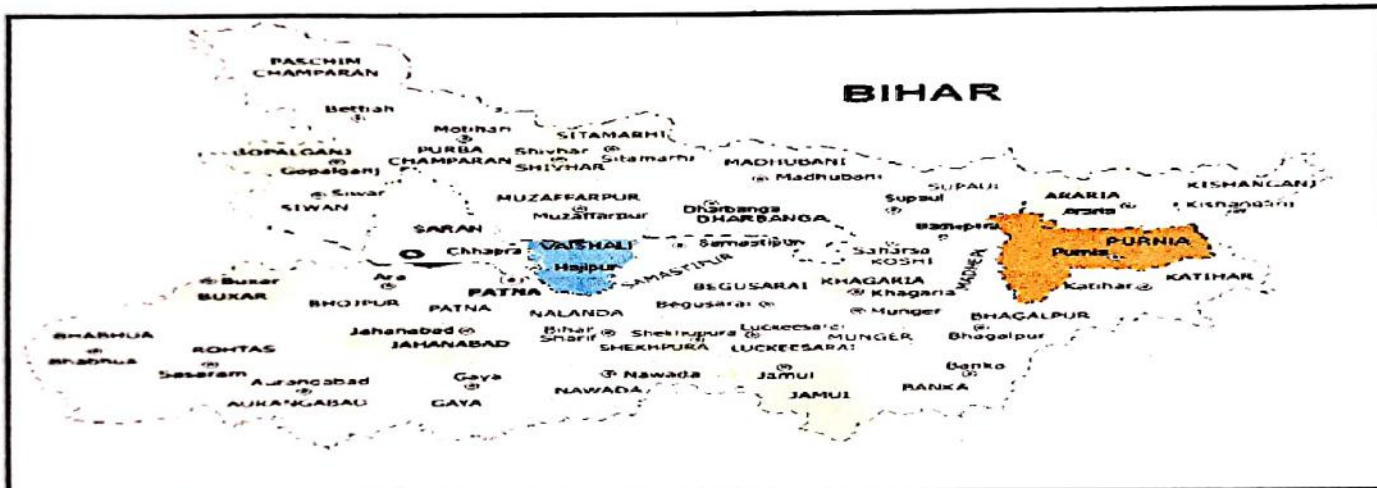


BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

Govt. of Bihar

EMERGENT REPAIR OF ROAD FROM SARVODAY CITY ADAMPUR TO LAKHANI BIGHA TAK



Name of the Road :-

EMERGENT REPAIR OF ROAD FROM SARVODAY CITY ADAMPUR TO LAKHANI BIGHA TAK

DISTRICT	:	Patna	
DIVISION	:	DANAPUR	
BLOCK	:	DANAPUR	
Total Length Of Road		0.600	km
Total Damaged Length Of Road	:	0.450	km
TOTAL COST OF CONSTRUCTION	:	11.694	Lacs
TOTAL COST OF PROJECT	:	11.694	Lacs

Executive Engineer

Rural Works Division, DANAPUR

प्रतिवेदन

कार्य का नाम : सर्वोदय सिटी आदमपुर से लखनी बिगहा पथ की
आपातकालीन मरम्मत ।

पथ की लम्बाई : 0.600 कि०मी०

प्राक्कलित राशि: मो० 11.694 लाख

मद : एफ०डी०आर०

प्रस्तुत प्राक्कलन दानापुर प्रखण्ड अन्तर्गत सर्वोदय सिटी आदमपुर से लखनी बिगहा पथ की आपातकालीन मरम्मत का वर्तमान अनुसूचित दर पर मो० 11.694 लाख (ग्यारह लाख उनहतर हजार चार सौ) रुपये मात्र का तैयार किया गया है । इस माह में लगातार अतिवृष्टि से पथ काफी क्षतिग्रस्त हो गया है । आवागमन बन्द है । विभागीय निर्देशानुसार पथ को मोटरेबूल करने हेतु ब्रीक्स वैट भरने का प्रावधान प्राक्कलन में किया गया है । जनहित में पथ को मोटरेबूल करना अति आवश्यक है । अतः प्राक्कलन की स्वीकृति जनहित में अतिआवश्यक है ।

पत्रिका में आकृति नरमाली चर्च ४२२
ली गरी दे जिता सी घटनेहकर स्वीकृति रूपेभिर दे


कनीय अभियंता
दानापुर

सहायक अभियंता
दानापुर

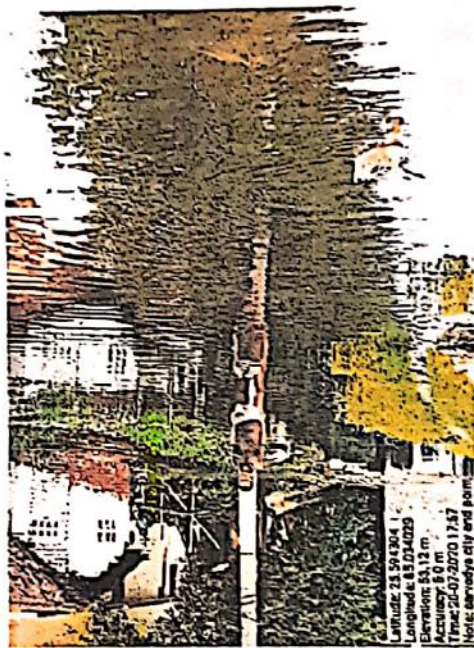

कार्यपालक अभियंता
(ग्रामीण कार्य विभाग)
कार्य प्रमंडल, दानापुर
01/09/2020

Details of Road & Bridge																						
Bill No.	Wing	Circle	District	Division	Road/Bridge Name	Scheme Name	Status		Is Maintenance	Length (in Km)	Damage Part Length During Flood	Restoration Amount (in Lakh)	Remarks	FDR Fin Year	Type		Start Point		Intermediate Point		End Point	
							(Comp./ On Going)	8							9	(V/N)	10	11	12	13	14	15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
1	CE-1, Patna	Patna	Patna	Danapur	Mukhya Khagaul Road Batala to Adampur Mushari Tak ki ore Jane Wali Road	FDR	On Going	No	1.100	0.900	21.439	Badly Damaged & Traffic Closed	2020-21	Road	25.59148	85.04251	25.59303	85.04251	25.5941	85.04251		
2	CE-1, Patna	Patna	Patna	Danapur	Sarvoday City Adampur to Lakhani Bigha Tak	FDR	On Going	No	0.600	0.450	11.694	Badly Damaged & Traffic Closed	2020-21	Road	25.59567	85.03197	25.59408	85.03197	25.5943	85.03197		


 J. K. Singh
 11/9/20
 R. Singh
 11/9/20
 R. Singh
 11/9/20

20/10/20
 J. K. Singh

20/10/20
 J. K. Singh



17/5/22
E12
RWD
On-Dance
9/10/2022

20/10/22

20/10/22

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :

EMERGENT REPAIR OF ROAD FROM SARVODAY
CITY ADAMPUR TO LAKHANI BIGHA TAK

DISTRICT

PATNA

BLOCK

DANAPUR

DIVISION

DANAPUR

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	BRICK BATS	1029672.500 1029712.500
	TOTAL COST IN LACS =	10.297 10.297
	GST @ 12 % ON (PART A)	1.236
	LABOUR CESS GST @ 1 % ON (PART A)	0.103
	SUB TOTAL WITH GST & Labour cess	11.636
	CNC @0.5%	0.058
	TOTAL	11.694
	TOTAL COST OF PROJECT IN LACS =	11.694

Ad & signature (see) 0.574
12.268

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20/07/20
JE
RWD

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20/07/20
AE
RWD

[Signature]
20/07/20
EE
RWD

Technically approved for Rs. 12.268 (Rupees) *Technical fees*

for only five years and a day only

including five year Maintenance Cost

[Signature] *[Signature]*
तकनीकी सलाहकार Superintending Engineer
ग्रामीण कार्य विभाग R.W.D. WORKS CIRCLE, PATNA
कार्य अंचल, पटना

[Signature]
17/10/20
Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA

NAME OF ROAD

EMERGENT REPAIR OF ROAD FROM SARVODAY CITY ADAMPUR TO
LAKHANI BIGHA TAK

BLOCK - DANAPUR

POT MEASUREMENT FOR BRICKS BAT

NO.		L		W		H			ms
1	x	150.00	x	3.75	x	0.250 (ft)	=		140.63
1	x	150.00	x	3.75	x	0.200 (ft)	=		112.50
1	x	50.00	x	3.75	x	0.250 (ft)	=		46.88
1	x	50.00	x	3.75	x	0.300 (ft)	=		56.25
1	x	50.00	x	3.75	x	0.500 (ft)	=		93.75
TOTAL QTY =									450.00

20/07/20

10/7/20

11/7/20
RWD (W) DIVISION
DANAPUR
01/07/20

RURAL WORKS DEPARTMENT
(Govt. of Bihar)

NAME OF ROAD :

Emergent repair of Road From Sarvodaya City Adampur to Lakhani Bigha Tak

BLOCK Danapur

DISTRICT Danapur

Sl. No.	SDB Sl. No.	MORD Ref. No.	Item Description	Unit	Length	Width	Height	Quantity	Rate	Amount (in Rs.)
1			Providing and laying jhana khoa or Stone filter under brick pitching or boulder pitching in slope or apron or at any other place including light ramming etc. All complete as per approved design specification and direction of E/A QTY VIDE POT MEASUREMENT	Cum				450.00	2285.16 2280.25	1029672.00 1029742.50
Total										1029742.50

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EE
20/07/20

Seigniorage fee -

for 10%

1062.00/m³ - 1.20m³ @ 1062.00/m³ = 1274.40

@ 10% seigniorage = 127.44

for 450.00 m³ @ 127.44/m³ = 57318.00
57318.00
= 574

Sl.	SDB	MO	DESCRIPTION	Unit	Quantit	Rate	Amount
			SAY	CUM			#REF!
			Providing and laying jhana khoa or Stone filter under brick pitching or boulder pitching in slope or apron or at any other place including light ramming etc. All complete as per approved design specification and direction of E/A				
			Unit = cum				
	RWD 14.6	a)	Material				
			Brick Bats	cum	1.20	1,062.00	1274.40
	6.6.1 WRD	b)	Labour			1,062.00	
			Unskilled mazoor	no.	1.06	287.00	304.22
		c)	Add overhead @0.06 on (a+b)				94.72
		d)	Add Contractor profit @0.1 on (a+b+c)				167.33
		e)	Total				1840.67
		f)	CARRIAGE (Brick bats)	cum	1	447.58	447.58
			Rate per cum = (e+f)				2288.25
			SAY	Cum			2288.25
	1.1 RCD		Loading and Unloading of brick bats with tractor				
			Unit=cum				
			Taking output= 2.25 cum				
			Time required for				
		i)	Positioning of tipper at loading point		1 MIN		
		ii)	Loading by front end loader 1 cum bucket capacity @ 25 cum per hour		5 Min		
		iii)	Maneuvering, reversing, dumping and turning for return		0 Min		
		iv)	Waiting time, unforeseen contingencies etc		6 Min		
			Total				
		a)	Labour				
			Mate	day	0.03	311	9.33
			Mazoor for loading and unloading	day	0.72	287	206.64
		b)	Machinery				
			Tractor 3.60 tonne capacity	hour	0.1	542	54.20
			Front end loader 1cum bucket capacity @25 cum/hour	hour	0.083	1403	116.45
		c)	Overhead charges @ 0.06 on (a+b)				23.20
		d)	contractor profit @ 0.1 on (a+b+c)				40.98
			Cost for 2.25 cum= (a+b+c+d)				450.80
			Rate per cum= (a+b+c+d)/2.25				200.35
			Note Unloading will be done manually				

20/07/20
J.E.

20/07/20

11/9/20
R. R. R.
R. R. R.
01/9/20

Sl No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km		Loading & Unloading Cost	Carriage Cost by Rail Head	Total
				Pucka / Surface	Katcha			
1	Brick bat	Cum	Local	$\frac{3.60}{2.25} \times 18.73 \times 7.00 \text{ Km} =$	$\frac{3.60}{2.25} \times 23.40 \times 1.00 \text{ Km} =$	Rs 209.79	Rs 37.44	Rs. 447.68
						200.75	0.00	197.90

पत्रांक:- 964/3137

मसौदी/दिनांक:- 16.10.2020

प्रेषक :

कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल मसौदी।

सेवा में,

अधीक्षक अभियंता
ग्रामीण कार्य विभाग,
कार्य अंचल, पटना।

विषय:-वर्ष-2019 के बाढ़ में क्षतिग्रस्त पथों को मोटरेबुल करने हेतु किये गये कार्य की जाँच के संबंध में।

प्रसंग:-विभागीय पत्रांक-मु0अ0-4 (मु0) विविध (कार्य)-23-291/2019-3976 दिनांक-11.09.2019
एवं भवदीय पत्रांक-1481 दिनांक-15.09.2020

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र के निर्देश के आलोक में ग्रामीण कार्य विभाग, कार्य प्रमंडल दानापुर का निम्नलिखित दो पथों का दिनांक-13.10.2020 को बाढ़ क्षतिग्रस्त मरम्मत कार्य का जाँच किया गया एवं किया गया कार्य संतोषप्रद पाया गया।

सूचनार्थ समर्पित।

क्रमांक	पथ का नाम	पथ की लम्बाई	क्षतिग्रस्त पथ की लम्बाई
1	सर्वोदय सिटी आदमपुर से लखनी बिगहा पथ	0.600	0.450
2	मुख्य खगौल रोड बटाला से आदमपुर मुशहरी तक जाने वाली सड़क	1.100	0.900

अनु0:- निरीक्षण प्रतिवेदन प्रपत्र संलग्न।
(दो प्रतियों में)

विश्वासभाजन

16/10/2020
कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल मसौदी।

Inspection Report for Flood Damage Work

Date: 13/10/2020

- Executive
1. Name of PIU:- ~~En~~ Engineer R.W.D (W) Div. - Danapur.
2. Name of Block/Road:- Danapur / Sarvodaya City Aalam-pur to
3. For Road:- Laxmi Bigha Road.
4. Damage Location/Chainage:- Ch. 0 m to 350 m and 400 m to 500 m
5. Damage Length:- 450 m
6. Nature of Damage:- Damage due to heavy Rain.
I. Material being used in Restoration Works:- Brick bats
II. Equipments/Tools being used in Restoration Works:- J.C.B, Tractor, Roller
III. Procedure taken up in Restoration Works:- Brick bats spreading, laying and compacting
IV. Restored Length:- 450 m

B. For Bridge

1. Damage Location/Chainage:-
2. Damage Length:-
3. Nature of Damage:-
4. Details of Restoration Works:-
I. Material being used in Restoration Works:-
II. Equipments/Tools being used in Restoration Works:-
III. Procedure taken up in Restoration Works:-
IV. Restored Length:-
- NA
N.H.

Ach
Name of Inspector
Executive Engineer
R.W.D Works Division
Masaurhi