



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

YEAR (2021-22)

FDR

STATE :- BIHAR
DISTRICT :- Samastipur
BLOCK :- Mohiuddin Nagar

NAME OF ROAD :- Repair of Flood Damaged Road in Rahepur
More se Tetarpur vis Maniyar Tola
Mahmmadipur

TOTAL COST OF CONSTRUCTION :- 5.935 Lacs

TOTAL COST OF PROJECT :- 5.935 Lacs

SUBMITTED BY:

EXECUTIVE ENGINEER

RWD (W) DIVISION, PATORI

SAMASTIPUR

FDR**YEAR (2021-22)****GENERAL ABSTRACT OF COST****Block:--Mohiuddin Nagar****District:--Samastipur****Name of Road:--****Repair of Flood Damaged Road in Rahepur More se Tetarpur vis Maniyar Tola Mahmmadipur**

SL. No.	Item of Work	Amount
A		
	TOTAL COST OF CONSTRUCTION	5.012 Lacs
	GST @12%	0.601 Lacs
	L.Cess@ 1%	0.050 Lacs
	<u>S.Fees</u>	0.271 Lacs
	Sub Total= (A)	5.935 Lacs
	TOTAL cost of project	5.935 Lacs

[Signature]
26.10.21
Junior Engineer
RWD (W) Section-
M.Nagar

[Signature]
26.10.21
Asstt. Engineer
RWD (W) Sub Division-Mohiuddin Nagar

[Signature]
26.10.21
Executive Engineer
RWD (w) Division, Patori

*Provisionally sanctioned for Rs 5.935 Lacs say five lakh -
money three thousand five hundred only with c.p. etc.*

[Signature]
20.12.21
बनारस नगरपालिका
नगरपालिका कार्य विभाग
नगर कार्य, नगरपालिका
20/12/21
T.A.

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :

Repair of Flood Damaged Road In Rahepur More se Tetarpur vis
Maniyar Tola Mahmmadipur
Samastipur
Mohiuddin Nagar

DISTRICT
BLOCK

Sl. No.	DESCRIPTION	AMOUNT (In Lacs.)
	BRICK BAT	5.012
	SUB TOTAL OF PAVEMENT COST IN LACS =	5.012
	Sub Total ` :--	5.012
	12% GST on Total Amount :--	0.601
	1% Lab Cess :--	0.050
	S.Fees	0.271
	Total Construction Cost (including GST and Labour Cess) :--	5.935

26/10/24
Junior Engineer

RWD (W) Section-M.Nagar

26.10.24
Assistant Engineer

RWD (W) Sub Division-Mohiuddin Nagar

26/10/24
Executive Engineer
RWD (w)
Division, Patori

Cost Estimate for Road Work

Sl. No.	SDB SL. NO.	MORD Ref. No.	Description	Unit	NOS	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
1			SUB HEAD : Brick Bat Filling							
			Brick Bats							
			Laying Brick Bats on prepared soil surface as per specifications and direction of E/L							
			Damaged Road Strech	cum	1.00	3.0	4.00	0.150	1.80	
			Damaged Road Strech	cum	1.00	4.5	2.00	0.200	1.80	
			Damaged Road Strech	cum	1.00	3.7	2.00	0.150	1.11	
			Damaged Road Strech	cum	1.00	6.0	2.20	0.150	1.98	
			Damaged Road Strech	cum	1.00	4.0	2.40	0.200	1.92	
			Damaged Road Strech	cum	1.00	5.0	3.30	0.300	4.95	
			Damaged Road Strech	cum	1.00	5.0	1.80	0.075	0.68	
			Damaged Road Strech	cum	1.00	3.0	3.00	0.150	1.35	
			Damaged Road Strech	cum	1.00	2.6	2.50	0.150	0.98	
			Damaged Road Strech	cum	1.00	3.0	2.80	0.200	1.68	
			Damaged Road Strech	cum	1.00	2.5	3.30	0.200	1.65	
			Damaged Road Strech	cum	1.00	5.6	1.50	0.200	1.68	
			Damaged Road Strech	cum	1.00	2.0	1.50	0.075	0.23	
			Damaged Road Strech	cum	1.00	7.0	4.00	0.150	4.20	
			Damaged Road Strech	cum	1.00	7.2	2.80	0.200	4.03	
			Damaged Road Strech	cum	1.00	5.3	2.70	0.050	0.72	
			Damaged Road Strech	cum	1.00	6.0	2.30	0.075	1.04	
			Damaged Road Strech	cum	1.00	2.2	2.00	0.200	0.88	
			Damaged Road Strech	cum	1.00	3.3	3.40	0.300	3.37	
			Damaged Road Strech	cum	1.00	2.0	2.20	0.200	0.88	
			Damaged Road Strech	cum	1.00	4.0	2.00	0.200	1.60	
			Damaged Road Strech	cum	1.00	3.0	4.00	0.200	2.40	
			Damaged Road Strech	cum	1.00	4.0	2.70	0.150	1.62	
			Damaged Road Strech	cum	1.00	2.2	1.50	0.150	0.50	
			Damaged Road Strech	cum	1.00	4.5	3.20	0.150	2.16	
			Damaged Road Strech	cum	1.00	7.0	2.00	0.150	2.10	
			Damaged Road Strech	cum	1.00	7.5	2.00	0.200	3.00	
			Damaged Road Strech	cum	1.00	8.7	3.00	0.200	5.22	
			Damaged Road Strech	cum	1.00	1.5	1.10	0.200	0.33	
			Damaged Road Strech	cum	1.00	2.0	1.10	0.075	0.17	
			Damaged Road Strech	cum	1.00	3.5	1.80	0.200	1.26	
			Damaged Road Strech	cum	1.00	4.6	2.05	0.150	1.41	
			Damaged Road Strech	cum	1.00	1.6	1.20	0.150	0.29	
			Damaged Road Strech	cum	1.00	9.5	2.70	0.200	5.13	
			Damaged Road Strech	cum	1.00	3.7	1.70	0.200	1.26	
			Damaged Road Strech	cum	1.00	1.5	1.00	0.200	0.30	
			Damaged Road Strech	cum	1.00	2.7	1.70	0.300	1.38	

Cost Estimate for Road Work

MORD Ref.No	Description	Unit	NOS	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
	Damaged Road Strech	cum	1.00	7.4	3.60	0.300	7.99	
	Damaged Road Strech	cum	1.00	6.2	3.60	0.300	6.70	
	Damaged Road Strech	cum	1.00	1.2	1.80	0.150	0.32	
	Damaged Road Strech	cum	1.00	2.1	2.00	0.150	0.63	
	Damaged Road Strech	cum	1.00	6.5	2.10	0.150	2.05	
	Damaged Road Strech	cum	1.00	2.6	1.70	0.075	0.33	
	Damaged Road Strech	cum	1.00	3.8	1.70	0.075	0.48	
	Damaged Road Strech	cum	1.00	8.7	2.20	0.200	3.83	
	Damaged Road Strech	cum	1.00	2.0	1.00	0.200	0.40	
	Damaged Road Strech	cum	1.00	4.0	1.00	0.200	0.80	
	Damaged Road Strech	cum	1.00	2.0	1.50	0.300	0.90	
	Damaged Road Strech	cum	1.00	9.0	1.00	0.300	2.70	
	Damaged Road Strech	cum	1.00	3.0	2.00	0.200	1.20	
	Damaged Road Strech	cum	1.00	11.0	3.50	0.075	2.89	
	Damaged Road Strech	cum	1.00	9.0	1.60	0.150	2.16	
	Damaged Road Strech	cum	1.00	3.0	2.00	0.150	0.90	
	Damaged Road Strech	cum	1.00	1.5	2.15	0.150	0.48	
	Damaged Road Strech	cum	1.00	15.0	3.15	0.200	9.45	
	Damaged Road Strech	cum	1.00	2.5	2.00	0.150	0.75	
	Damaged Road Strech	cum	1.00	1.5	1.80	0.150	0.41	
	Damaged Road Strech	cum	1.00	2.8	1.00	0.150	0.42	
	Damaged Road Strech	cum	1.00	1.5	1.50	0.200	0.45	
	Damaged Road Strech	cum	1.00	1.0	1.80	0.300	0.81	
	Damaged Road Strech	cum	1.00	2.0	1.00	0.300	0.60	
	Damaged Road Strech	cum	2.00	1.5	2.20	0.300	1.98	
	Damaged Road Strech	cum	1.00	2.8	2.40	0.150	1.01	
	Damaged Road Strech	cum	1.00	1.0	1.00	0.225	0.23	
	Damaged Road Strech	cum	1.00	1.9	1.00	0.225	0.43	
	Damaged Road Strech	cum	1.00	1.0	0.60	0.150	0.09	
	Damaged Road Strech	cum	1.00	8.3	2.20	0.150	2.74	
	Damaged Road Strech	cum	1.00	6.0	1.90	0.150	1.71	
	Damaged Road Strech	cum	1.00	2.0	1.00	0.150	0.30	
	Damaged Road Strech	cum	1.00	1.9	1.00	0.225	0.43	
	Damaged Road Strech	cum	1.00	2.8	2.40	0.150	1.01	
	Damaged Road Strech	cum	1.00	2.0	1.00	0.300	0.60	
	Damaged Road Strech	cum	1.00	1.5	1.50	0.200	0.45	
	Damaged Road Strech	cum	1.00	1.8	1.00	0.150	0.27	
	Damaged Road Strech	cum	1.00	1.5	1.50	0.300	0.68	
	Damaged Road Strech	cum	1.00	4.0	2.50	0.225	2.25	
	Damaged Road Strech	cum	1.00	2.0	1.00	0.300	0.60	
	Damaged Road Strech	cum	1.00	1.5	1.00	0.150	0.23	

Cost Estimate for Road Work

Sl. No.	SDB SL. NO.	MORD Ref. No.	Description	Unit	NOS	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)
			Damaged Road Strech	cum	1.00	4.8	0.225	1.51		
			Damaged Road Strech	cum	1.00	2.5	0.150	0.45		
			Damaged Road Strech	cum	1.00	1.5	0.150	0.50		
			Damaged Road Strech	cum	1.00	1.2	0.150	0.29		
			Damaged Road Strech	cum	1.00	1.5	0.150	0.34		
			Damaged Road Strech	cum	1.00	3.4	0.300	2.65		
			Damaged Road Strech	cum	1.00	3.2	0.075	0.43		
			Damaged Road Strech	cum	1.00	4.4	0.075	1.25		
			Damaged Road Strech	cum	1.00	1.5	0.075	0.09		
			Damaged Road Strech	cum	1.00	3.8	0.150	0.74		
			Damaged Road Strech	cum	1.00	2.7	0.150	0.69		
			Damaged Road Strech	cum	1.00	6.0	0.200	1.32		
			Damaged Road Strech	cum	1.00	1.0	0.300	0.45		
			Damaged Road Strech	cum	1.00	3.5	0.750	2.63		
			Damaged Road Strech	cum	1.00	1.5	0.150	0.23		
			Damaged Road Strech	cum	1.00	5.0	0.075	1.01		
			Damaged Road Strech	cum	1.00	7.0	0.225	2.36		
			Damaged Road Strech	cum	1.00	6.0	0.225	2.30		
			Damaged Road Strech	cum	1.00	4.0	0.225	1.53		
			Damaged Road Strech	cum	1.00	3.0	0.750	2.25		
			Damaged Road Strech	cum	1.00	5.0	0.750	3.75		
			Damaged Road Strech	cum	1.00	3.0	0.300	0.90		
			Damaged Road Strech	cum	1.00	7.0	0.225	3.94		
			Damaged Road Strech	cum	1.00	6.0	0.225	2.70		
			Damaged Road Strech	cum	1.00	9.0	0.225	3.04		
			Damaged Road Strech	cum	1.00	5.0	0.225	2.25		
			Damaged Road Strech	cum	1.00	20.0	0.150	7.50		
			Damaged Road Strech	cum	1.00	12.0	0.150	3.60		
			Damaged Road Strech	cum	1.00	2.0	0.225	0.68		
			Damaged Road Strech	cum	1.00	15.0	0.150	8.44		
			Damaged Road Strech	cum	1.00	2.5	0.150	0.68		
			Damaged Road Strech	cum	1.00	5.0	0.225	1.24		
			Damaged Road Strech	cum	1.00	2.5	0.225	2.81		
			Damaged Road Strech	cum	1.00	2.0	0.225	0.68		
			Damaged Road Strech	cum	1.00	3.0	0.225	1.35		
			Damaged Road Strech	cum	1.00	1.7	0.225	0.99		
			Damaged Road Strech	cum	1.00	3.7	0.150	0.83		
			Damaged Road Strech	cum	1.00	5.0	0.150	1.13		
			Damaged Road Strech	cum	1.00	5.0	0.225	1.69		
			Damaged Road Strech	cum	1.00	16.0	0.150	6.48		
			Damaged Road Strech	cum	1.00	5.0	0.225	1.13		
			Damaged Road Strech	cum	1.00	5.0	0.225	4.84		

Cost Estimate for Road Work

Sl. No.	SDB SL. NO.	MORD Ref. No.	Description	Unit	NOS	WIDTH	HEIGHT	QUANTITY	RATE	AMT (in Rs.)
			Damaged Road Strech	cum	1.00	4.0	0.225	2.70		
			Damaged Road Strech	cum	1.00	10.0	0.225	3.38		
			Damaged Road Strech	cum	1.00	5.5	0.225	1.86		
			Damaged Road Strech	cum	1.00	1.5	0.225	0.34		
			Damaged Road Strech	cum	1.00	8.5	0.225	6.69		
			Damaged Road Strech	cum	1.00	7.0	0.300	4.20		
			Damaged Road Strech	cum	1.00	3.0	0.150	0.90		
			Damaged Road Strech	cum	1.00	10.0	0.150	3.75		
			Damaged Road Strech	cum	1.00	40.0	0.225	27.00		
			Total					264.25	1,896.72	5,01,203.99
								SUB TOTAL =		5,01,203.99
								GST @12%		60,144.48
								Lebour Cess @1%		5012.04
								S.Fees		27129.00
								Grand Total		5,93,489.51

Pramod
26.10.21
Junior Engineer
RWD, Section-M.Nagar

Assistant Engineer
RWD, Works Sub Division-M.Nagar

Prashant
Executive Engineer
RWD (w) Division, Patori

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, बलिया

पत्रांक 01, कैप पटोरी

दिनांक 16/12/2

प्रेषक:-

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बलिया

सेवा में,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, पटोरी

विषय:-

एफ.डी.आर. योजना की जाँच के संबंध में।

प्रारंग:-

आपका पत्रांक 1514 दिनांक 19.11.2021

महाशय,

उपरोक्त विषय के संबंध में कहना है कि प्रासंगिक पत्र में उल्लेखित पथों की जाँच कर ली गई। जाँचोपरांत प्राक्कलन लौटाई जाती है। व्यौरा निम्नवत् है:-

क्रम सं०	पथ का नाम	प्रखंड	लंबाई कि०मी० में	प्राक्कलित राशि लाख में	अभियुक्ति
01	गढ़सिसई चौक से भागीरथ स्थान पीएचसी	विद्यापतिनगर	1.06	2.24	
02	टुनटुन राय से एमएमजीएसवाई	विद्यापतिनगर	1.24	7.95	
03	पीडब्लुडी रोड से सरारी माधोपुर	मोहनपुर	2.10	4.861	
04	दक्षिणी डुमरी पंचायत अंतर्गत डुमरिया बाँध से चापर दुर्गा स्थान होते हुए चापर काली स्थान	मोहनपुर	0.850	6.974	
05	विशनपुर बेरी मरगंग से मटिऔर चमार टोली काली मंदिर दो गाछी तक	मोहनपुर	2.110	4.907	
06	मोहनपुर मोहिउद्दीननगर पीडब्लुडी रोड दशहरा सहेंद्र राय के घर से सरहद सीमान भाया सविदास टोला	मोहनपुर	3.85	4.400	
07	मोहनपुर प्रखंड गेट से खनजीवा तक	मोहनपुर	2.10	3.137	
08	एस.एच.टी 01 से जौनापुर रूदार	मोहनपुर	4.60	4.036	
09	पटोरी प्रखंड के आदर्श मध्य विद्यालय हसनपुर सूरत घाट पर आदर्श मध्य विद्यालय हसनपुर सूरत के नजदीक उच्च स्तरीय पुल	पटोरी	03x16.50m	9.44	
10	टी 02 से रूपौली चौसीवा	पटोरी	1.028	2.54	
11	पटोरी मदुदाबाद पीडब्लुडी रोड से ईस्माईलपुर	पटोरी	2.570	3.919	
12	पीडब्लुडी सड़क से प्यारपुर होते हुए जोड़ी पोखर तक	पटोरी	1.30	4.680	
13	चकलालशाही जंदाहा आरईओ रोड कौआ चौक से दरवा	पटोरी	2.90	8.043	
14	वजरंगवली से बांदे रीगान भाया करतूरवा विद्यालय	पटोरी	2.01	4.614	
15	वाकरपुर चौक से वाकरपुर महादलित टोला	मोहिउद्दीननगर	0.450	1.787	
16	रमगामा विकु से ब्रह्मपुरा	मोहिउद्दीननगर	1.421	3.108	
17	पहुँच पथ से मधुसूदनपुर	मोहिउद्दीननगर	5.10	6.141	
18	मोहिउद्दीननगर बाजार से कुरसाहा नहर	मोहिउद्दीननगर	1.88	2.380	

कृ०प०उ०

	पथ का नाम	प्रखंड	लंबाई कि०मी० में	प्राक्कलित राशि लाख में	अभियुक्ति
9	मनहर से बाजितपुर सीमान	मोहिउद्दीननगर	1.365	1.439	
20	थाना चौक मोहिउद्दीननगर से कन्हौली होते हुए नवादा हेमनपुर पीएमजीएसवाई सड़क तक	मोहिउद्दीननगर	1.450	0.721	
21	राहेपुर मोड़ से तेतारपुर भाया मनियर टोला महम्मदीपुर	मोहिउद्दीननगर	4.80	5.935	
22	मोहिउद्दीननगर के टाँड़ा गाँव होते हुए पंचायत भवन तक	मोहिउद्दीननगर	2.00	7.264	
23	भूइया स्थान पासवान टोला से एस.एच. रोड	मोहिउद्दीननगर	0.50	2.329	
24	मस्तलीपुर कासिमचक होते हुए खनुआ घाट	मोहिउद्दीननगर	1.372	3.293	
25	आनंदगोलवा से रजैसी	मोहिउद्दीननगर	0.737	1.369	
26	कल्याणपुर बस्ती से हरिजन टोला	मोहिउद्दीननगर	1.935	0.727	
27	करीमनगर दुर्गा मंदिर से मोगलचक यादव टोला	मोहिउद्दीननगर	1.00	1.229	
28	मोहिउद्दीननगर से विशनपुर बेरी	मोहिउद्दीननगर	7.20	0.406	
29	मस्तलीपुर से सरहद भैरो	मोहिउद्दीननगर	1.8	0.440	

अनु०- उक्त सभी पथों का प्राक्कलन (29 अदद)

विश्वासभाजन

कार्यपालक अभियंता
ग्रामीण कार्य विभाग, कार्य प्रमंडल, बलिया

Inspection Report for Flood Damage Work

Date: 16-12-21

1. Name of PIUs - Executive Engineer, R.W.D., Works, Division, Patosi

2. Name of Block - Mohiuddinagar

3. Name of Road/Bridge - Rahepur more to Tetarapur via
Mamiyar to Mahammadpur

A. for Road

1. Damage Location/Chainage : Tetarapur & Mamiyar

2. Damage Length : 3.50 km

3. Nature of Damage : Flank & Surface Damage

4. Details of Restoration Works :

i. Material being used in Restoration works :

Brick Bats only

ii. Equipments/Tools being used in Restoration Works :

iii. Procedure taken up in Restoration works :

iv. Restored Length :

3.50 km

B. for Bridge

Not applicable

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 :

N.A.

Satisfactory

16-12-21

J.E.

16/12/21

A.E.

16/12/21

Executive Engineer,
R.W.D. Works Division,

16/12/21

Signature
(Name of Inspector)