

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

FDR (Emargent Work)

CIRCLE – R.W.D. works Circle, Kishanganj

DIVISION – R.W.D. works Division , Kishanganj-1

Name of Work :-	RCC Bridge atBirnia to T04 road in chainage 7.5km
Block :-	Bahadurganj
Length of Road:-	0.210 KM
Damage Length:-	0.085 KM
Estimated cost :-	Rs 1155485.00

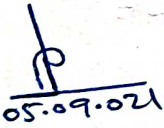
Year : 2021-22

प्रतिवेदन

प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग, कार्य प्रमंडल, किशनगंज-1 अंतर्गत बहादुरगंज प्रखंड के पुल "RCC Bridge at Birnia to T04 road in chainage 7.5km" जो विभागीय Online Monitoring Syatem MIS पर अपलोड है के बाद 2021 से क्षतिग्रस्त हो जाने के कारण यातायात लायक Motorable हेतु बनाया गया है | इस कार्य को कराने का निर्देश ग्रामीण कार्य विभाग, बिहार सरकार के पत्रांक:- मु0अ0- 4 (मु0) विविध कार्य- 23-60/2020 - 1937 / पटना, दिनांक- 07.07.2021 से प्राप्त है | इस पत्र से Real time geo-tagged photograph को कार्य के दौरान अपलोड करते हुए (Motorable) कार्य कराना सुनिश्चित करने का निर्देश प्राप्त है |

उक्त निर्देश के आलोक मेंनदी/नदी उपधार से आए बाढ़ के कारण इस पथ के Road way के क्षतिग्रस्त हो जाने से सुरक्षित आवागमन हेतु Motorable कार्य कराया गया है | MIS में अपलोडेड फोटो दिनांकका Lat/Long के साथ लिया गया है | नेपाल तराई से निकलने वाली इस नदी के तेज धार से इस पथ में कटाव की स्थिति बनी | Motorable कार्य में आवश्यकता अनुसार Bamboo Pilling / Pitching of E.C. Bags filled with local sand / Local sand filling / Brick bats का इस्तेमाल किया गया है | Motorable कार्य कराकर यातायात बहाल कर दिया गया है | निर्देशानुसार कराये गए कार्य का Geo-tagged photo real time के साथ MIS पर अपलोड है | MIS की छायाप्रति, अपलोडेड फोटोग्राफ की छायाप्रति, दर विश्लेषण एवं विभागीय आदेशों की छायाप्रति प्राक्कलन में संलग्न की जा रही है | प्राक्कलन में प्रयुक्त दर अद्धतन है |

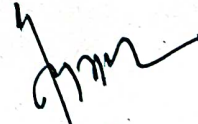
प्राक्कलन की यथा शीघ्र अनुमोदन अपेक्षित है ताकि अग्रेतर कार्रवाई की जा सके |



कनीय अभियंता
ग्रामीण कार्य विभाग
कार्य प्रशाखा- बहादुरगंज



सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल- बहादुरगंज



कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, किशनगंज -1

Inspection Report for Flood Damage Work

1. Name of PIUs

: R.W.D Kishanganj-1

2. Name Of Block / Road

: Approach road of RCC Bridge at Birnia
at To4 road is ch. 7.50 KM under
Bahadurganj Block.

A. For Road

1. Damage Location / Chainage

:

2. Damage Length

: - 0.085 KM

3. Nature Of Damage

:

4. Details Of Restoration

:

i) Material Being Used In Restoration

: Bamboo Local sand, Brick Bats Etc. bng

ii) Equipment / Tools Being Used In Restoration Works

: Tractor, Bamboo Piling Machine.

iii) Procedure Taken Up In Restoration Works

: manually.

iv) Restored Length

: - 0.085 KM

B. For Bridge

1. Damage Location / Chainage

:

2. Damage Length

:

3. Nature Of Damage

:

4. Details Of Restoration

:

N.A.

i) Material Being Used In Restoration

:

ii) Equipment / Tools Being Used in Restoration Works

:

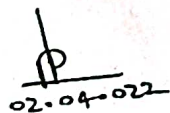
iii) Procedure Taken Up In Restoration Works

:

v) Restored Length

:

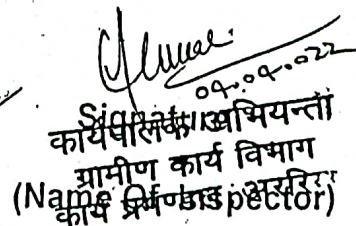
Satisfactory.


02.04.22

Signature of JE / AE / EE


02.04.22



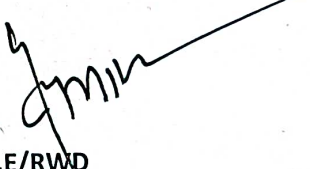

04.04.22
कार्यपालिका अभियन्ता
ग्रामीण कार्य विभाग
(Name Of Inspector)

ABSTRACT OF COST

Name of Work :-	RCC Bridge at Birnia to T04 road in chainage 7.5km	
Block :-	Bahadurganj	
Length of Road:-	0.210 KM	
Damage Length:-	0.085 KM	
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 1000368.00
B	Add 12 % GST	Rs 120044.00
C	Add 1 % L. Cess	Rs 10004.00
D	Add S.Fee @ 10 % of Material Cost	Rs 25069.00
	Total Cost with GST, LC & S.Fee	Rs 1155485.00


05.09.21
J.E/RWD
Bahadurganj


15/11/21
A.E/RWD
Bahadurganj


E.E/RWD
Kishanganj-I

Technically sanctioned for Rs. 1155485/- (Eleven lakh fifty five thousand, four hundred eighty five) only.


06/04/22
E-0


अधीक्षक अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

Detailed Estimate

Name of Road:-		RCC Bridge at Birnia to T04 road in chainage 7.5km									
SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
WRD	5.7.7	Providing bamboo piles including labour for cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per specification and direction of E/I	2	60	2.50	-	-	300.00			
			2	50	2.50	-	-	250.00			
			2	60	2.50	-	-	300.00			
		Total:-						850.00	Mtr.	55.40	47090.00
WRD	5.7.9	Supplying, fitting and fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I. wire including cost of G.I. wire or nails, all material and labour complete job as per specification and direction of E/I.	1	2	30.00	-	-	60.00			
			2	2	25.00	-	-	100.00			
			1	2	30.00	-	-	60.00			
		Total:-						220.00	Mtr.	30.87	6791.00
3	9.2 (i)	1100 & 800	Sand filling or Type B (First class) bedding								
			Filling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9								
			1	2	30.00	0.50	0.70	21.00			
			1	2	25.00	0.50	(6.0+5.5)/2	143.75			
			1	2	30.00	2.50	(6.0+4.0)/2	750.00			
		Total:-						914.75	Cum	514.43	470575.00
4	WRD	5.7.40	Brick bats								
			Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I								
			1	2	30.00	0.50	0.30	9.00			
			1	2	25.00	0.50	0.30	7.50			
			1	2	30.00	2.50	0.30	45.00			
		Total:-						61.50	Cum	2168.72	133376.00
5		5.7.53	Providing and filling empty cement bags								
			Supply of new bag with labour for filling new EC bag with local sand (volume of filled bag 1.2 cft and weight 50kg), stitching on two line by approved nylon thread with stitching machine & generator, stacking the bags and placing with a lead of 150m including supply of nylon threads etc all complete as per approved design, specification and direction of E/I.								
			1	2	30.00	0.45	1.00	27.00			
			1	2	25.00	0.45	6.05	136.13			
			1	2	30.00	0.45	5.30	143.10			
		Total:-						306.23	Cum		
		@ 0.034 Cum each bag						9007	No.	38.03	342536.00
		Total:-									1000368.00


 05.09.24
 J.E/RWD
 Bahadurganj


 15/11/24
 A.E/RWD
 Bahadurganj


 E.E/RWD
 Kishanganj - I

ABSTRACT OF QUANTITY & COST

Sl No	Item of Works	Quantity	Unit	Earth Work	Stone Materials			Brick Bats	Local Sand	Total
					26.5mm to 9.50mm	9.50mm to 4.75mm	4.75mm below			
1	Earth Work:-	0.00	Cum	0.000	-	-	-	-	-	
2	GSB (Gr.-II):-	0.00	Cum	-	0.000	0.000	0.000	-	-	
3	Brick Bats:-	61.50	Cum	-	-	-	-	73.800	-	
4	Local Sand Filling:-	914.75	Cum	-	-	-	-	-	914.750	
5	Providing & Filling Empty Cement Bags:-	9007.00	No.	-	-	-	-	-	306.238	
6	Providing & Filling Empty Cement Bags in Nylon Crate:-	0.00	No.	-	-	-	-	-	0.000	
		Total Quantity:-		0.000	0.000	0.000	0.000	73.800	1220.988	
		Rate:-		Rs 34.78	Rs 285.35	Rs 285.35	Rs 285.35	Rs 1050.00	Rs 141.85	
		Total Amount:-		0.00	0.00	0.00	0.00	77490.00	173197.00	Rs 250687.00
								S.Fee@10% of M.Cost:-		Rs 25069.00


05-09-21
JE/RWD
Bahadurganj


15/11/21
AE/RWD
Bahadurganj


EE/RWD
Kishanganj - I