

GOVERNMENT OF BIHAR
RURAL WORKS DEPARTMENT



Name of work : Kujari to Sohandar

District : Araria

Block : Palasi

FDR (2021-22)

Restoration Cost of Road	: Rs. 77.393 Lacs
1% L.Cess of Rest. Cost	: Rs. 0.774 Lacs
12% GST of Rest. Cost	: Rs. 9.287 Lacs
Seigniorage fee	: Rs. 1.201 Lacs
Total Restoration Cost including Labour Cess & GST	: Rs. 88.655 Lacs

R.W.D, WORKS CIRCLE, KISHANGANJ

R.W.D, WORKS DIVISION, ARARIA

ग्रामीण कार्य विभाग
बिहार, सरकार

पत्रांक - मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937 पटना, दिनांक 07/07/2021

प्रेषक,

पंकज कुमार पाल (भा0प्र0सो0)
सचिव

सेवा में,

सभी कार्यपालक अभियंता
ग्रामीण कार्य विभाग,

विषय-- बाढ़ अतिवृष्टि से क्षतिग्रस्त पथों/पुलियों को यातायात लायक (Motorable) करने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में निदेश दिया जाता है कि प्रमंडल अन्तर्गत सभी अभियंता बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों का शत प्रतिशत निरीक्षण करेंगे। पथों/पुलियों के क्षतिग्रस्त भाग से पानी उतरते ही उसे यातायात लायक बनाने की कारवाई एवं Motorable किये जाने से पहले तथा Motorable कार्य के बाद का Real time, Geo tagged photographs को MIS पर तत्क्षण अपलोड किया जाना सुनिश्चित करेंगे। इन कार्यों को कराने हेतु कार्यपालक अभियंता पूर्ण रूप से जिम्मेवार होंगे। कार्य न कराने की स्थिति में उनके विरुद्ध अनुशासनिक कार्रवाई की बाध्यता होगी।

विश्वासभाजन

(पंकज कुमार पाल)

सचिव

ज्ञापांक- मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937 पटना, दिनांक 07/7/2021
प्रतिलिपि:-सभी अधीक्षण अभियंता को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। साथ ही उन्हें निदेश दिया जाता है कि वे लगातार अनुश्रवण एवं निरीक्षण करते हुए क्षतिग्रस्त भाग को अतिशीघ्र यातायात लायक बनवाने की कारवाई सुनिश्चित करेंगे।

सचिव

ज्ञापांक-मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937 पटना, दिनांक 07/7/2021
प्रतिलिपि:-सभी मुख्य अभियंता, ग्रामीण कार्य विभाग को सूचनार्थ एवं लगातार अनुश्रवण करने हेतु प्रेषित।

सचिव

Inspection Report for Flood Damage Work

1. Name of PIUs : Executive Engineer, RWD (W) Div - Man'a

2. Name Of Block / Road : Kufari to Sahandur

A. For Road

1. Damage Location / Chainage : Ch 8700m twice

2. Damage Length : (Part I - 100m + Part II - 168m) = 268m

3. Nature Of Damage : Wash out in flood

4. Details Of Restoration :

i) Material Being Used In Restoration : L. Sand, Ec. Bag, Bamboo & Brick Bats

ii) Equipment / Tools Being Used In Restoration Works : JCB & Tractor

iii) Procedure Taken Up In Restoration Works : Manually

iv) Restored Length : 168.0m

B. For Bridge

1. Damage Location / Chainage : NA

2. Damage Length : NA

3. Nature Of Damage : NA

4. Details Of Restoration : NA

i) Material Being Used In Restoration :

ii) Equipment / Tools Being Used in Restoration Works :

iii) Procedure Taken Up In Restoration Works :

iv) Restored Length :

Satisfactory 'S'

Signature of JE / AE / EE

Signature
Executive Engineer
RWD (W) DIVISION
(Name Of Inspector)
Kishanganj-2

FDR (2021-22)
GENERAL ABSTRACT OF COST

Name of Road : Kujari to Sohandar
District : Araria
Block : Palasi
Cutting Chainage (M) : Ch 8700 m (Part-I & Part- II)

Sl. No.	Item of work	Amount (In Rs.)
1	Filling of Local Sand	35,55,740.00
2	Labour for cutting 62mm to 75mm dia Bamboo	4,91,232.00
3	Labour for fitting & fixing 62mm to 75mm dia Bamboo runner	46,614.00
4	Supply of EC bag of Local Sand	22,78,724.00
5	Supply & Carriage of Brick Bats	13,66,944.00
6	Supply, laying and carriage of 1000mm dia HPC	-
a	Sub Total Cost of Work :	77,39,254.00
b	1% L.cess of Total Cost :	77,393.00
	12% GST of Total Cost :	9,28,710.00
	Seigniorage Fee	1,20,082.00
d.	Total Cost of Work including GST & Cess :	88,65,439.00

[Signature]
Junior Engineer RWD
Works Sec. Palasi
(Araria)

[Signature]
Assistant Engineer
RWD Works Section
Palasi (Araria)

[Signature]
Executive Engineer
RWD Works Div.
Araria

Ref. E.E. Letter No. 1457 Dt. 28/04/22

Technically Sanctioned For Rs. 88,65,439.00
Supretending Engineer
RWD Circle, Kishanganj

(Rupees) Eight eight lacs sixty five thousand four hundred thirty nine only

[Signature]
29/4/22
AE

Four hundred thirty nine Only

[Signature]
29/4/22

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

BILL OF QUANTITY

Name of Road:

Kujari to Sohandar

Block:

Palasi

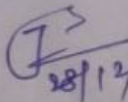
District:

Araria

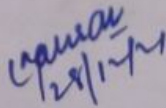
Division:

R.W.D ,Araria

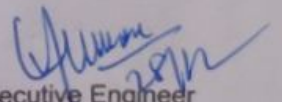
Sl No.	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.	Cum	6912.00	514.43	3555740.00
2	Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.	Mtr.	8867.00	55.40	491232.00
3	Labour for fitting & fixing 62mm to 75mm 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 etc all complete job as per specification & direction of Engineer-in-Charge.	Mtr.	1510.00	30.87	46614.00
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.	Each	59919	38.03	2278724.00
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	Cum	630.30	2168.72	1366944.00
6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.	meter	0.00	4425.07	0.00
TOTAL AMOUNT =					7739254.00


28/12/09

Junior Engineer
RWD Works Sec.
Palasi


28/12/09

Assistant Engineer
RWD Works sec.
Palasi


28/12/09

Executive Engineer
RWD Works Division
Araria

ESTIMATE FOR REPAIRING/ RESTORATION / MAKING MOTORABLE ROADS DAMAGED DURING FLOOD							
Detailed Estimate							
Name of Road:		Kujari to Sohandar					
Block:		Palasi					
District:		Araria					
Sl No.	Items of Works	Nos.	L (m)	B (m)	D (m) IN (Av.)	Quantity (m3)	
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.						
	Ch 8700 Part II	1	110.00	(7.0+12.20)/2	(4.0+5.0)/2		4752.00
		2	40.00	(6.0+7.50)/2	(3.50+4.50)/2		2160.00
					Total Qty =		6912.00
2	Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.						
	Ch 8700 Part I	2	120/0.20		4.00		4800.00
	Ch 8700 Part II	1	110/0.15		5.00		3667.00
		2	40/0.200		(4.0+3.0)/2		400.00
					Total Qty =		8867.00

(Signature)
28/12/24

Junior Engineer
RWD Works Section Palasi (Araria)

(Signature)
28/12/24

Assistant Engineer
RWD Works Section Palasi(Araria)

Executive Engineer
RWD Works Division Araria

Sl No.	Items of Works	Nos.	L (m)	B (m)	D (m) IN (Av.)	Quantity (m ³)
3	Labour for fitting & fixing 62mm to 75mm 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 etc all complete job as per specification & direction of Engineer-in-Charge.					
	Ch 8700 Part I	2	120.00	3.00		720.00
	Ch 8700 Part II	1	110.00	5.00		550.00
		2	40.00	3.00		240.00
					Total Qty =	1510.00
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
	Ch 8700 Part II	1	110.00	(2.0+3.0)/2	(3.0+4.50)/2	1031.25
		2	40.00	(1.20+2.0)/2	(1.5+2.50)/2	256.00
	Ch 8700 Part I	1	120.00	(3.50+2.75)/2	2.00	750.00
					TOTAL=	2037.25
					Total No. of EC Bags = 1973.250X0.034)	59919.12
					SAY NO OF Bags.=	59919
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
	Ch 8700 Part I	1	100.00	4	0.300	120.00
	Ch 8700 Part II	1	168.00	(6.0+7.5)/2	(0.30+0.600)/2	510.30
					Total Qty. =	630.30
6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.					
		0	2.50			0.00
					Total Qty. =	0.00

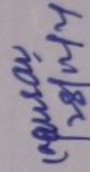
F 23/1/2017

Junior Engineer
RWD Works Section Palasi (Araria)

Upasray 12/8/21
Assistant Engineer
RWD Works Section Palasi (Araria)

Upasray 12/8/21
Executive Engineer
RWD Works Division Araria

Name of Road :-		Kujari to Sohandar			Block :-		Palasi		Total Qty. material required (Cum)	Total Amount	Add 10 % Seigniorage Fee
Sl. No.	SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs				
3			Brick Bats Providing, Laying & Spreading Brick bats in Road Ditches all complete job								
			Unit = cum								
		(a)	Material								
			Bricks Bats	Cum	1.20	1,050.00	1,260.00				
							1,260.00				
						Total Cost	1,260.00		630.30	7,94,178.00	79,417.80
4			Local sand filling								
			Local sand Filling in foundation trenches as per drawing and technical specification								
			Unit = cum								
			Taking output = cum								
		a)	Material								
			Sand (assuming 20 per cent voids)	cum	1.20	141.85	170.22				
			Cost for 10 cum = A				170.22				
			Rate per cum = (A)/100=	cum			17.02				
						Total Cost	17.02		6,912.00	1,17,656.06	11,765.61
5	15.2	1900	Supply of EC Bags Filled with L.sand								
			Providing ,fitting and posting (as red) empty cement bags with local sand, stitching the bags and placing do all complete job as per specification & direction.								
			Unit = Nos								
			Taking output = 100 nos								
		a)	Material								
			Sand Sand (100x1.2/35.315)	cum	3.40	141.85	482.29				
			Cost for 100 nos = A				482.29				
			Rate per nos = (A)/100=	cum			4.82				
						Total Cost	4.82		59,919.12	2,88,983.91	28,898.39
									Total Seigniorage Fee	1,20,082.00	


 28/12/24
 AR