

# **RURAL WORKS DEPARTMENT**

## **GOVT OF BIHAR**



NAME OF WORKS :-

T03-Tarabari PWD Road Thana Chowk to Ghora Ghat

BLOCK :-

Kursakanta

**FDR**

Rs. 3598013.35

YEAR(2021-22)

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 (पा0प्र0रो0)  
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

ज्ञापक- 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 कार्रवाई सुनिश्चित करेंगे।

सचिव

ज्ञापक-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 : E.E R.I.D (W) division, Araria.
2. Name Of Block / Road : Kusrakanta / TO3 Tarabari PWD road than  
chowk to Indraghat.
- A. For Road
1. Damage Location / Chainage : 14.6.58, 7.0, 7.10, 7.22, 8.50, 8.55, 9.0.
2. Damage Length : 10.375 km )  
130.0 m
3. Nature Of Damage : flume & crust washed out.
4. Details Of Restoration :
- i) Material Being Used In Restoration : local sand, brick bat, u.p - d.
- ii) Equipment / Tools Being Used In Restoration Works : tractor & dumper
- iii) Procedure Taken Up In Restoration Works : manual.
- iv) Restored Length : 130.0 m

### B. For Bridge

1. Damage Location / Chainage :  $\left. \begin{array}{l} 2. \text{ Damage Length} \\ 3. \text{ Nature Of Damage} \\ 4. \text{ Details Of Restoration} \end{array} \right\} \text{ Nil / A.}$
- i) Material Being Used In Restoration :
- ii) Equipment / Tools Being Used In Restoration Works :
- iii) Procedure Taken Up In Restoration Works :
- iv) Restored Length :

work found satisfactory.

Signature of JE / AE / EE

Signature  
Executive Engineer  
R.W.D. (W) DIVISION  
(Name Of Inspector)  
Kishangan

# SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :-	T03-Tarabari PWD Road Thana Chowk to Ghora Ghat	
DISTRICT :-	Araria	
BLOCK :-	Kursakanta	
Length of Road:-	13.00km	
Length of Cutting:-	130 Mtr	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Filling of local sand	1484776.16
2	Labour for cutting 62mm to 75mm dia bamboo	0.00
3	Labour for fitting 62mm to 75mm dia bamboo	0.00
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	0.00
6	Supply and Carriage of brick bats	1509881.66
7	Supply, laying and carriage of 1000 mm HPC	88501.40
8	Granular Sub-base	0.00
	SUB TOTAL COST =	3083159.22
	ADD GST @12% =	369979.11
	Add Labour cess @ 1% =	30831.59
	Seigniorage Fees @10% =	114043.44
	TOTAL (RS.) =	3598013

J.E  
28/12/02

A.E

E.E

Ref. E.E. Letter No. 1657 Dt. 28/04/02

Technically Sanctioned For Rs. 35,98,013/-

(Rupees) Thirty five lacs with 13/-

thousand thirteen Only

28  
29/4/22  
AG

अधीक्षण अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य अंचल, किशनगंज



# ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD

NAME OF ROAD :-		T03-Tarabari PWD Road Thana Chowk to Ghora Ghat							
DISTRICT :-		Araria							
BLOCK :-		Kursakanta							
Length of Cutting:-		130 Mtr							
Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	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								
	At ch:-6.50 km	cum	2	26.00	(5+6.25)/2	(2.5+3.15+2.85)/3	828.75		
	At ch:-7.00 km	cum	2	16.00	(5.5+6.5)/2	(2.5+3.15+2.65)/3	531.20		
	At ch:-7.100 km	cum	2	15.00	(5+6.5)/2	(1.5+3.15+1.85)/3	373.75		
	At ch:-7.220km	cum	2	20.00	(5.5+6.5)/2	(2.8+2.95+2.85)/3	688.00		
	At ch:-8.50 km	cum	1	14.00	(3.8+4.98)/2	(1.25+1.45+1.35)/3	82.97		
	At ch:-8.550 km	cum	1	18.00	(4+4.8)/2	(1.95+2.5+1.85)/3	166.32		
	At ch:-9.00 km	cum	1	5.00	(4.12+4.8)/2	(2.35+2.5+2.35)/3	53.52		
	At ch:-10.375 km	cum	1	16.00	(3.8+4.8)/2	(2.5+2.85+2.75)/3	185.76		
	Deduction for H.P 1000MM dia (1.23 x 1.23 )=1.52	cum	4	0.79	1.52	5.00	24.02		
	total qty :-						2886.26	514.43	1484776.16

Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
2	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.								
	At ch:-6.50 km	cum	2	26.00	(5.5+6.25)/2	(0.85+0.85+0.85)/3	259.68		
	At ch:-7.00 km	cum	2	16.00	(5.5+5.5)/2	(0.65+0.75+0.5)/3	111.47		
	At ch:-7.100 km	cum	2	15.00	(5+5.5)/2	(0.45+0.75+0.5)/3	89.25		
	At ch:-7.220km	cum	1	20.00	(5+6.5)/2	(0.85+0.85+0.75)/3	93.92		
	At ch:-8.50 km	cum	1	14.00	(3.8+4.98)/2	(0.75+0.85+0.75)/3	48.14		
	At ch:-8.550 km	cum	1	18.00	(4+4.8)/2	(0.65+0.75+0.5)/3	50.16		
	At ch:-9.00 km	cum	1	5.00	(4.12+4.8)/2	(0.45+0.75+0.5)/3	12.64		
	At ch:-10.375 km	cum	1	16.00	(3.8+4.8)/2	(0.25+0.75+0.35)/3	30.96		

[illegible]

20/1/05

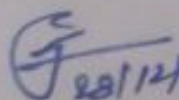
Asstt. Engineer

*Signature*  
Executive Engineer

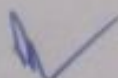
S.E  
Kishanganj

## Calculation of Seigniorage Fees

NAME OF ROAD :-		T03-Tarabari PWD Road Thana Chowk to Ghora Ghat			
DISTRICT :-		Araria			
BLOCK :-		Kursakanta			
Sl. No.	DESCRIPTION OF ITEMS	QUANTITY	Unit	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	2886.26	cum	141.85	409415.27
2	Labour for fitting empty cement bags with local sand, stitching the bags and placing in Nylon crate of size (1 m X 1 m X 1 m )with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I	0.00	cum	141.85	0.00
3	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	0.00	cum	141.85	0.00
4	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	696.21	cum	1050.00	731019.10
5	Granular Sub-base with Well Graded Material (Table 400.1)	0.00	cum	384.12	0.00
		A) SUB TOTAL =			1140434.37
		Seigniorage Fees @10% of Basic Amount =			114043

 28/12/07

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## Bill of Quantity

NAME OF ROAD :-	T03-Tarabari PWD Road Thana Chowk to Ghora Ghat
DISTRICT :-	Araria
BLOCK :-	Kursakanta

Sl. No.	DESCRIPTION OF ITEMS	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	2886.26	514.43	1484775.16
2	Labour for cutting 62 mm 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.	0.00	55.40	0.00
3	Labour for fitting & 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 etc all complete job as per specification & direction of Engineer-in-charge.	0.00	30.87	0.00
4	Labour for fitting empty cement bags with local sand, stitching the bags and placing in Nylon crate of size (1 m X 1 m X 1 m )with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I	0.00	1249.46	0.00
5	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	0.00	38.03	0.00
6	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	696.21	2168.72	1509881.66

7	Supplaying and carriage of hume pipe 1000 mm dia , all complete job.	20.00	4425.07	88501.40
8	Granular Sub-base with Well Graded Material (Table 400.1)	0.00	2,564.86	0.00
		A) SUB TOTAL =		3083159.22
		TOTAL COST =		3083159

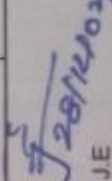
*G* 22/12/07

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RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL													
DISTRICT :- Araria				Name of Road				Kursakanta					
				Block				:-					
				Carriage By Tractor									
Sr. No.	Description of Items	Source	Unit	Capacity	Haulage	Lead	Total	Capacity	Haulage	Lead	Total	Loading + Unloading	Rail Carriage Cost
1	Hume Pipe 1000 mm Dia	Purnia	M	8/22.5	6.83	115	628.36	8/22.5	16.54	0.00	0.00	70.46	698.82
2	Hume Pipe 600 mm Dia	Purnia	M	8/52.50	6.83	115	119.69	8/52.50	16.54	0.00	0.00	30.20	149.89
3	Bamboo	Local	% Nos	3.60/1.35	17.03	5	227.07	3.60/1.35	26.60	5.00	354.67	2224.00	2605.73
4	E.C Bag	Local	cum	3.60/2.25	17.03	2	54.50	3.60/2.25	26.60	1	42.56	97.82	194.88
5	Stone Metal gr-II	Mirzachowki	cum	8/4.99	6.83	120	1313.99	8/4.99	16.54	0.00	0.00	180.88	1494.87
6	Stone Metal gr-II	Mirzachowki	cum	8/4.99	6.83	120	1313.99	8/4.99	16.54	0	0.00	180.88	1494.87
7	Brick Bats	Local	800 Nos	3.60/2.25	17.03	7	190.74	3.60/2.25	26.60	1	42.56	180.88	414.18
8	Local Sand	Local	cum	3.60/2.25	17.03	2	54.50	3.60/2.25	26.60	1	42.56	97.82	194.88

  
 J.E.  
 RWD (W) DIVISION  
 Araria

Assistant Engineer  
 RWD (W) DIVISION  
 Araria

Executive Engineer  
 RWD (W) DIVISION  
 Araria