

RURAL WORKS DEPARTMENT

GOVT OF BIHAR



NAME OF WORKS :-

B.T Road Madhubani to Harijan tola Madhubani

BLOCK :-

Kursakanta

FDR

Rs. 1760321.59

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 (गा0प्र0से0)
सचिव

सेवा में,

सभी कार्यपालक अभियंता
ग्रामीण कार्य विभाग,

विषय- बाढ़ अतिवृष्टि से क्षतिग्रस्त पथों/पुलियों को यातयात 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 कार्रवाई सुनिश्चित करेंगे।

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 : E.E RWD (w) Division, Araria
2. Name Of Block / Road : Kursakanta / B.T Road Madhubani
A. For Road to Harijam talu Madhubani

1. Damage Location / Chainage : CH-1200M
2. Damage Length : 41M
3. Nature Of Damage : cutting of shoulder of Road
4. Details Of Restoration :
i) Material Being Used In Restoration : Local Sand, E.C bag, bamboo & Brick Bats
ii) Equipment / Tools Being Used In Restoration Works : Tractor.
iii) Procedure Taken Up In Restoration Works : Manual.
iv) Restored Length : 41M

B. For Bridge

1. Damage Location / Chainage :
2. Damage Length :
3. Nature Of Damage : N.A
4. Details Of Restoration :
i) Material Being Used In Restoration :
ii) Equipment / Tools Being Used in Restoration Works :
iii) Procedure Taken Up In Restoration Works :
iv) Restored Length :

Signature of JE / AE / EE

Signature
Executive Engineer
RWD (w) DIVISION
(Name Of Inspector)
Kishanganj

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :-	B.T Road Madhubani to Harijan tola Madhubani	
DISTRICT :-	Araria	
BLOCK :-	Kursakanta	
Length of Road:-	2.548km	
Length of Cutting:-	41.00Mtr	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Filling of local sand	543911.64
2	Labour for cutting 62mm to 75mm dia bamboo	15955.20
3	Labour for fitting 62mm to 75mm dia bamboo	3951.36
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	120250.86
6	Supply and Carriage of brick bats	696520.57
7	Supply, laying and carriage of 1000 mm HPC	132752.10
8	Granular Sub-base	0.00
	SUB TOTAL COST =	1513341.73
	ADD GST @12% =	181601.01
	Add Labour cess @ 1% =	15133.42
	Seigniorage Fees @10% =	50245.43
	TOTAL (RS.) =	1760322

J.E

A.E

E.E

Ref. E.E. Letter No. 1457 Dt. 28/4/22

Technically Sanctioned For Rs. 17,60,322.200

(Rupees) Seventeen Lacs Sixty thousand

three hundred twenty two only

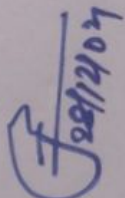
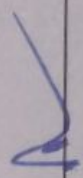

28/4/22

28/4/22

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

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

NAME OF ROAD :-		B.T Road Madhubani to Harijan tola Madhubani							
DISTRICT :-		Araria							
BLOCK :-		Kursakanta							
Length of Cutting:-		41.00 Km							
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:-1200 m	cum	2	41.00	(4.5+5.5)/2	(2.65+2.85+2.5)/3	1093.33		
	Deductionfor H.P 1000MM dia (1.23 x 1.23)=1.52	cum	4	0.79	1.52	7.50	36.02		
		cum	total qty :-				1057.31	514.43	543911.64
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.								
	At ch:-1200 m		2	32.00	4.50		288.00		
		Mtr.	total qty:-				288.00	55.40	15,955.20
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.								
	At ch:-1200 m		2	4.00	16.00		128.00		
		Mtr.	total qty :-				128.00	30.87	3951.36

Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
4	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.								
	At ch:-1200 m	cum	2	16.00	(1.5+0.9)/2	(2.5+3.65+2.25)/3	107.52		
	Total No of EC Bags(3.4cum=100Bags) =			107.52	/	0.034	3162.00		
		Each		Say No of Bage :-			3162.00	38.03	120250.860
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.								
	At ch:-1200 m	cum	2	41.00	(4.5+5.5)/2	(0.75+0.85+0.75)/3	321.17		
		cum		total qty :-			321.17	2,168.72	696520.57
6	Supplying and carriage of hume pipe 1000 mm dia , all complete job.								
	At ch:-1200 m	RM	4	3	2.5		30.00		
		RM		total qty :-			30.00	4,425.07	132752.10
							A) SUB TOTAL =		1513341.73
							TOTAL COST =		1513341.73
	<div style="display: flex; justify-content: space-between;"> <div>  28/12/2024 Junior Engineer </div> <div>  Asstt. Engineer </div> <div>  Executive Engineer </div> </div>								

Junior Engineer

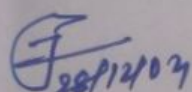
Asstt. Engineer

Executive Engineer

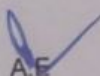
S.E
Kishanganj

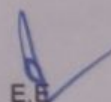
Calculation of Seigniorage Fees

NAME OF ROAD :-		B.T Road Madhubani to Harijan tola Madhubani			
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	1057.31	CUM	141.85	149979.33
2	Labour for fitting empty cement bags with loocal 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.	107.51	CUM	141.85	15250.01
4	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	321.17	CUM	1050.00	337225.00
5	Granular Sub-base with Well Graded Material (Table 400.1)	0.00	CUM	384.12	0.00
A) SUB TOTAL =					502454.34
Seigniorage Fees @10% of Basic Amount =					50245

 28/12/03

J.E

 A.E

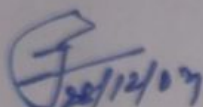
 E.E

Bill of Quantity

0

NAME OF ROAD :-		B.T Road Madhubani to Harijan tola Madhubani		
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	1057.31	514.43	543911.64
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.	288.00	55.40	15955.20
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.	128.00	30.87	3951.36
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.	3162.00	38.03	120250.86
6	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	321.17	2168.72	696520.57

7	Supplaying and carriage of hume pipe 1000 mm dia , all complete job.	30.00	4425.07	132752.10
8	Granular Sub-base with Well Graded Material (Table 400.1)	0.00	2,564.86	0.00
		A) SUB TOTAL =		1513341.73
		TOTAL COST =		1513342

 20/12/07

J.E



A.E



E.E

RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL

Name of Road B.T Road Madhubani to Harijan tola Madhubani

RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL																
				Name of Road				B.T Road Madhubani to Harijan tola Madhubani								
DISTRICT :-				Araria		Block		:-		Kursakanta						
Sr. No.	Description of Items	Source	Unit	Caopacity	Haulage	Lead	Carriage By Tractor			Capacity	Haulage	Lead	Total	Loading + Unloading	Rail Carriage	Carriage Cost
1	Hume Pipe 1000 mm Dia	Purnia	M	8/22.5	6.83	115				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				8/52.50	16.54	0.00	0.00	30.20		149.89
3	Bamboo	Local	% Nos	3.60/1.35	17.03	5				3.60/1.35	26.60	5.00	354.67	2224.00		2805.73
4	E.C Bag	Local	cum	3.60/2.25	17.03	2				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				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				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				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				3.60/2.25	26.60	1	42.56	97.82		194.88