

RURAL WORKS DEPARTMENT

GOVT OF BIHAR



NAME OF WORKS :- L021 to Taran East

BLOCK :- Jokihat

FDR

Rs. 1659036.27

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 (गा0प्र0सै0)
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।

विश्वास भाजन
(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 : EE RWD Works Division, Araria.

2. Name Of Block / Road : LO21 to Turan East.
Block Jokihal.

A. For Road

1. Damage Location / Chainage : ch. 100 m. ch. 500 m

2. Damage Length : 38.00 mtr

3. Nature Of Damage : Flood

4. Details Of Restoration :

i) Material Being Used In Restoration : Sand, Bamboo, EC bags, Brick, balt

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

iii) Procedure Taken Up In Restoration Works : Manual filling all damaged portion of crust and flank with above material

iv) Restored Length : 38.00 mtr

B. For Bridge

1. Damage Location / Chainage :

2. Damage Length :

3. Nature Of Damage :

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 :

} N/A

Work found Satisfactory

Signature

Executive Engineer
(Name Of Inspector)
R.W.D. (W) DIVISION
Kishanganj-2

Signature of JE / AE / EE

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :-	L021 to Taran East	
DISTRICT :-	Araria	
BLOCK :-	Jokihat	
Length of Road:-	2.548km 0.700 km	
Length of Cutting:-	38.00Mtr	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Filling of local sand	551085.28
2	Labour for cutting 62mm to 75mm dia bamboo	63156.00
3	Labour for fitting 62mm to 75mm dia bamboo	9384.48
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	137858.75
6	Supply and Carriage of brick bats	663275.90
7	Supply, laying and carriage of 1000 mm HPC	0.00
8	Granular Sub-base	0.00
	SUB TOTAL COST =	1424760.41
	ADD GST @12% =	170971.25
	Add Labour cess @ 1% =	14247.60
	Seigniorage Fees @10% =	49057.00
	TOTAL (RS.) =	1659036

[Signature]
J.E/18/11/22

[Signature]
18.01.2022
A.E

[Signature]
E.E 18/1/22

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

Technically Sanctioned For Rs.....S.E 16,59,036=00

(Rupees.....sixteen lacs fifty nine thousand

thirty six.....)Only

[Signature]
29/4/22

[Signature]
Superintending Engineer
Rural Works Department
Work Circle Kishanganj

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

NAME OF ROAD :-		L021 to Taran East							
DISTRICT :-		Araria							
BLOCK :-		Jokihat							
Length of Cutting:-		38.00 m							
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:-100 m	cum	1	11.00	(6+8.5)/2	(3.65+4.85+3.85)/3	328.30		
	At ch:-500 m	cum	1	27.00	(5.5+7.5)/2	(3.5+4.25+4.95)/3	742.95		
		cum	total qty :-					1071.25	551085.28

Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
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:-100 m		2	36.67	4.50		330.00		
	At ch:-500 m		2	90.00	4.50		810.00		
		Mtr.	total qty:-				1140.00	55.40	63,156.00
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.								
	At ch:-100 m		2	4.00	11.00		88.00		
	At ch:-500 m		2	4.00	27.00		216.00		
		Mtr.	total qty :-				304.00	30.87	9384.48
4	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.								
	At ch:-100 m	cum	2	11.00	0.60	(2.5+3.5+2.5)/3	37.40		
	At ch:-500 m	cum	2	27.00	0.60	(2.25+3.2+2.5)/3	85.86		
	Total No of E C Bags(3.4cum=100Bags) =		123.26		/	0.034	3625.00		
		Each	Say No of Bage :-				3625.00	38.03	137858.750
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.								
	At ch:-100 m	cum	2	11.00	(6+6.5)/2	(0.75+0.65)/2	96.25		
	At ch:-500 m	cum	2	27.00	(5.5+6)/2	(0.6+0.75)/2	209.59		

[illegible]

S.E
Kishanganj

Calculation of Seigniorage Fees

NAME OF ROAD :-		L021 to Taran East			
DISTRICT :-		Araria			
BLOCK :-		Jokihat			
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	1071.25	CUM	141.85	151957.40
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.	123.25	CUM	141.85	17483.01
4	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	305.84	CUM	1050.00	321129.38
5	Granular Sub-base with Well Graded Material (Table 400.1)				
		0.00	CUM	384.12	0.00
		A) SUB TOTAL =			490569.79
	Seigniorage Fees @10% of Basic Amount =				49057

J.E
J.E

18.01.2022
A.E

E.E

RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL													
DISTRICT :-				Name of Road				L021 to Taran East					
Araria				Block				Jokihat					
				Carriage By Tractor									
Sl. 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	2805.73
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. 18/11/22
 RWD (W) DIVISION
 Araria


 18.01.2022
 Assistant Engineer
 RWD (W) DIVISION
 Araria


 Executive Engineer
 RWD (W) DIVISION
 Araria