

RURAL WORKS DEPARTMENT

GOVT OF BIHAR



NAME OF WORKS :-

Takni Bhaibra PMGSY Takni To Takni Via Harijan tola
Ishrwa

DISTRICT:-

Araria

BLOCK :-

Jokihat

FDR

Rs. 4199160.18

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 (भा0प्र0से0)
सचिव

सेवा में,

सभी कार्यपालक अभियंता
ग्रामीण कार्य विभाग,

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

महाराज,

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।

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, R.W.D. Work's Dev. Agency

2. Name Of Block / Road

: Jorhat / Takni Bhaibog Pansy
Takni to Takni via Harijan tols
ishraws

A. For Road

1. Damage Location / Chainage

: Ch, 1800m (Phase-I), Phase-II - 800M, 1500M, 1800M,

2. Damage Length

: 120.5m,

3. Nature Of Damage

:

4. Details Of Restoration

: crust Damaged.

i) Material Being Used In Restoration

: Local sand, Bamboo, EC Bag, Brick Bats

ii) Equipment / Tools Being Used In Restoration Works

: Tractor with Tolly

iii) Procedure Taken Up In Restoration Works

: filling all damaged portion of crust
and flank with above material.

iv) Restored Length

: 120.5m

B. For Bridge

1. Damage Location / Chainage

:

2. Damage Length

:

3. Nature Of Damage

:

4. Details Of Restoration

:

i) Material Being Used In Restoration

:

NA

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
22/1/22
22.01.22

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

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :-	Takni Bhaibra PMGSY Takni To Takni Via Harijan tola Ishrwa	
DISTRICT :-	Araria	
BLOCK :-	Jokihat	
Length of Road:-	2.083 km	
Length of Cutting:-	120.5Mtr	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
Phase-1 & Phase-2		
1	Filling of local sand	1558864.37
2	Labour for cutting 62mm to 75mm dia bamboo	179828.40
3	Labour for fitting 62mm to 75mm dia bamboo	24047.73
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	843581.46
6	Supply and Carriage of brick bats	954950.67
7	Supply, laying and carriage of 1000 mm HPC	66376.05
8	Granular Sub-base	0.00
	SUB TOTAL COST =	3627648.68
	ADD GST @12% =	435317.84
	Add Labour cess @ 1% =	36276.49
	Seigniorage Fees @10% =	99917.17
	TOTAL (RS.) =	4199160

[Signature]
J.E 20/12/21

[Signature]
20.12.2021
A.E

[Signature]
E.E 20/12/21

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

Technically Sanctioned For Rs. S.E 41,99,160=00

(Rupees. forty one lacs ninety nine thousand

one hundred sixty.)Only

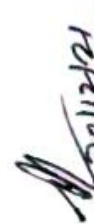
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Superintending Engineer
Rural Works Department
Work Circle Kishanganj

Phaes-1

C bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.

	At ch:-1800 m	cum	1	15.00	(2.25+1.25)/2	(3.85+2.75+2.45)/3	79.19	
	At ch:-1800 m	cum	1	13.50	(2.25+1.15)/2	(3.95+2.85+2.5)/3	71.15	
	Total No of E C Bags(3.4cum=100Bags) =			79.19	/	0.034	2329.00	
		Each		Say No of Bage :-			2329.00	88571.870
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.							
	At ch:-1800 m	cum	2	6.00	(2.5+3.5)/2	(0.65+0.75+0.5)/3	22.80	
	At ch:-1800 m	cum	1	15.00	(5+7.5)/2	(0.95+1.85+0.85)/3	114.06	
	At ch:-1800 m	cum	1	15.00	(2.5+3.5)/2	(0.75+0.85+0.65)/3	33.75	
	At ch:-1800 m	cum	1	13.50	(2.5+3.5)/2	(0.65+0.95+0.5)/3	28.35	
		cum	total qty :-				198.96	431493.95
6	Supplaying and carriage of hume pipe 1000 mm dia , all complete job.							
		RM	2	3	2.5		15.00	
		RM	0	1	2.5		0.00	
		RM	total qty :-				15.00	66376.05
							A) SUB TOTAL =	1315686.20
							TOTAL COST =	1315686.20
	 20/12/21 Junior Engineer  20.12.2021 Asstt. Engineer  Executive Engineer							
	S.E							

S E
Kishanganj

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

Phaes-2

NAME OF ROAD :-		Takni Bhaibra PMGSY Takni To Takni Via Harijan tola Ishrwa							
DISTRICT :-		Araria							
BLOCK :-		Jokihat							
Length of Cutting:-		120.50 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:-800 m	cum	1	34.00	(4.5+6.5)/2	(0.75+1.75+0.85)/3	208.82		
	At ch:-800 m	cum	2	6.50	(1.75+2.5)/2	(2.5+1.8+0.9)/3	47.88		
	At ch:-800 m	cum	2	9.50	(1.5+2.5)/2	(2.9+2.5+1.5)/3	87.40		
	At ch:-1500 m	cum	1	15.00	(4.5+6.5)/2	(1.75+2.5+1.85)/3	167.75		
	At ch:-1500 m	cum	1	6.00	(2.5+3.5)/2	(1.85+2.85+1.65)/3	38.10		
	At ch:-1800 m	cum	2	6.00	(2.5+3.5)/2	(2.5+1.25+0.85)/3	55.20		
	At ch:-1800 m	cum	1	15.00	(6.5+8.5)/2	(7.95+6.75+5.85)/3	770.63		
	At ch:-1800 m	cum	1	15.00	(2.5+3.5)/2	(4.25+3.15+2.85)/3	153.75		
	At ch:-1800 m	cum	1	13.50	(2.5+3.5)/2	(4.85+3.65+2.5)/3	148.50		
	Deductionfor H P 1000MM dia (1.23 x 1.23)=1.52	cum	0	0.79	1.52	7.50	0.00		
		cum			total qty :-		1678.025	514.43	863226.40

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:-800 m		1	113.33	4.50		510.00		
	At ch:-800 m		2	26.00	4.50		234.00		
	At ch:-800 m		2	38.00	4.50		342.00		
	At ch:-1500 m		1	60.00	4.50		270.00		
	At ch:-1500 m		1	24.00	4.50		108.00		
	At ch:-1800 m		2	24.00	4.50		216.00		
	At ch:-1800 m		2	60.00	4.50		540.00		
	At ch:-1800 m		1	60.00	4.50		270.00		
	At ch:-1800 m		1	54.00	4.50		243.00		
		Mtr.	total qty:-				2733.00	55.40	151,408.20
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:-800 m		1	4.00	34.00		136.00		
	At ch:-800 m		2	3.00	6.50		39.00		
	At ch:-800 m		2	4.00	9.50		76.00		
	At ch:-1500 m		1	3.00	15.00		45.00		
	At ch:-1500 m		1	4.00	6.00		24.00		
	At ch:-1800 m		2	6.00	6.00		72.00		
	At ch:-1800 m		2	4.00	15.00		120.00		
	At ch:-1800 m		1	3.00	15.00		45.00		
	At ch:-1800 m		1	4.00	13.50		54.00		
		Mtr.	total qty :-				611.00	30.87	18861.57

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:-800 m	cum	1	34.00	(1.5+0.9)/2	(1.85+2.5+1.7)/3	82.28		
	At ch:-800 m	cum	2	6.50	(1.25+0.9)/2	(1.5+2.25+1.25)/3	23.29		
	At ch:-800 m	cum	2	9.50	(1.5+0.9)/2	(2.5+2.85+1.75)/3	53.96		
	At ch:-1500 m	cum	1	15.00	(1.25+0.9)/2	(2.5+2.85+1.75)/3	38.16		
	At ch:-1500 m	cum	1	6.00	(1.5+0.9)/2	(2.5+2.85+1.75)/3	17.04		
	At ch:-1800 m	cum	2	6.00	(1.25+0.9)/2	(4.65+3.25+2.5)/3	44.72		
	At ch:-1800 m	cum	2	15.00	(2.5+1.5)/2	(6.75+5.5+4.5)/3	335.00		
	At ch:-1800 m	cum	1	15.00	(1.5+0.9)/2	(3.5+2.25+1.75)/3	45.00		
	At ch:-1800 m	cum	1	13.50	(1.25+0.9)/2	(2.65+2.25+2.45)/3	35.56		
	Total No of E C Bags(3.4cum=100Bags) =			675.01	/	0.034	19853.00		
		Each		Say No of Bage :-				38.03	755009.590
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.								
	At ch:-800 m	cum	1	34.00	(4.5+6.5)/2	(0.45+0.5+0.35)/3	81.03		
	At ch:-800 m	cum	2	6.50	(1.75+2.5)/2	(0.45+0.5+0.25)/3	11.05		
	At ch:-800 m	cum	2	9.50	(1.5+2.5)/2	(0.35+0.65+0.25)/3	15.83		
	At ch:-1500 m	cum	1	15.00	(4.5+6.5)/2	(0.45+0.5+0.35)/3	35.75		
	At ch:-1500 m	cum	1	6.00	(2.5+3.5)/2	(0.45+0.5+0.25)/3	7.20		
	At ch:-1800 m	cum	2	6.00	(2.5+3.5)/2	(0.35+0.65+0.25)/3	15.00		

Calculation of Seigniorage Fees

NAME OF ROAD :-		Takni Bhaibra PMGSY Takni To Takni Via Harijan tola Ishrwa			
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	3030.28	cum	141.85	429844.51
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	cum	141.85	0.00
5	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	754.19	cum	141.85	106981.57
6	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	440.33	cum	1050.00	462345.63
8	Granular Sub-base with Well Graded Material (Table 400.1)	0.00	cum	384.12	0.00
		A) SUB TOTAL =			999171.70
		Seigniorage Fees @10% of Basic Amount =			99917


J.E


20.12.2021
A.E


E.E

Bill of Quantity**Phase-1 & Phase-2**

NAME OF ROAD :-		Takni Bhaibra PMGSY Takni To Takni Via Harijan tola Ishrwa		
DISTRICT :-		Araria		
BLOCK :-		Jokihat		
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	3030.28	514.43	1558864.37
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.	3246.00	55.40	179828.40
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.	779.00	30.87	24047.73
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.	22182.00	38.03	843581.46
6	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	440.33	2168.72	954950.67

7	Supplaying and carriage of hume pipe 1000 mm dia , all complete job.	15.00	4425.07	66376.05
8	Granular Sub-base with Well Graded Material (Table 400.1)	0.00	2,564.86	0.00
		A) SUB TOTAL =		3627648.68
		TOTAL COST =		3627649

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20.12.2024
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E.E

Takni Bhaibra PMGSY Takni To Takni Via Harijan tola Ishrwa

20.12.2024
Assistant Engineer
RWD (W) DIVISION
Araria

Executive Engineer
RWD (W) DIVISION
Araria