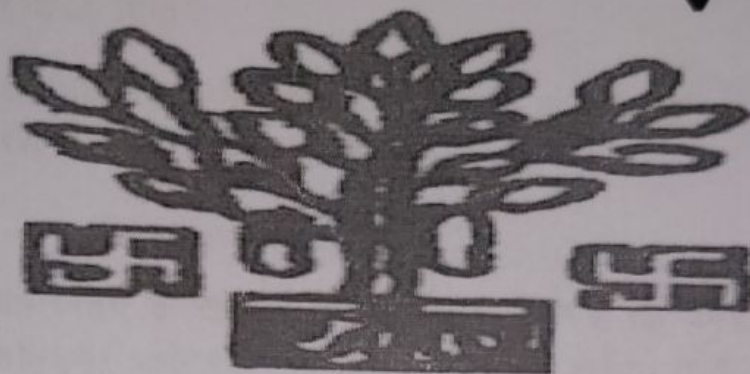


RURAL WORKS DEPARTMENT

GOVT OF BIHAR



NAME OF WORKS :-

House of Subit Lal to Chowk via House of Najir

BLOCK :-

Araria

FDR

Rs. 4995699.31

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 (गा0प्र0सो0)
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 कार्रवाई 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 : E.E RWD(W) Division, Arraria
2. Name Of Block / Road : Arraria / House of Subit Lal to Chowk via House of Nazim
- A. For Road
1. Damage Location / Chainage : at Ch - 1100, 1130, 1150, 1250, 1350, 1300 and 1400m
2. Damage Length : 188.50 Mtr
3. Nature Of Damage : Flood
4. Details Of Restoration :
- i) Material Being Used In Restoration : Local Sand, bamboo, EC Bag and Brick Bats
- ii) Equipment / Tools Being Used In Restoration Works : Tractors
- iii) Procedure Taken Up In Restoration Works : Manual
- iv) Restored Length : 188.50 M

B. For Bridge

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

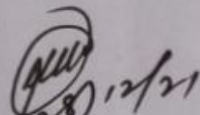
Work Found Satisfactory

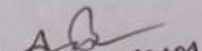
Signature of JE / AE / EE


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

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :-	House of Subit lal to Chowk via House of Najir	
DISTRICT :-	Araria	
BLOCK :-	Araria	
Length of Road:-	2.0km	
Length of Cutting:-	188.50Mtr	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
Phase-2		
1	Filling of local sand	868863.70
2	Labour for cutting 62mm to 75mm dia bamboo	141103.80
3	Labour for fitting 62mm to 75mm dia bamboo	20466.81
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	1534016.11
6	Supply and Carriage of brick bats	1743406.90
7	Supply, laying and carriage of 1000 mm HPC	0.00
8	Granular Sub-base	0.00
	SUB TOTAL COST =	4307857.32
	ADD GST @12% =	516942.88
	Add Labour cess @ 1%=	43078.57
	Seigniorage Fees @10%=	127820.55
	TOTAL (RS.) =	4995699


J.E.


A.E.


E.E.

1457

28/4/22

Technically Sanctioned For Rs. 49,95,699=00

(Rupees. Forty nine Lacs Ninety five

thousand Six hundred Ninety five) 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

Phaes-2

NAME OF ROAD :-		House of Subit lal to Chowk via House of Najir								
DISTRICT :-		Araria								
BLOCK :-		Araria								
Length of Cutting:-		188.50 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:-1100 m	cum	1	15.00	(2.5+3.5)/2	(0.75+2.5+0.85)/3	61.50			
	At ch:-1130 m	cum	1	16.00	(2.5+3.5)/2	(1.5+2.5+0.85)/3	77.60			
	At ch:-1150 m	cum	1	38.50	(6.5+9.5)/2	(2.85+4.65+2.45)/3	1021.53			
	At ch:-1250 m	cum	1	72.00	(2.5+3.5)/2	(0.95+2.65+0.85)/3	320.40			
	At ch:-1350 m	cum	1	12.00	(2.5+3.5)/2	(0.85+2.85+0.65)/3	52.20			
	At ch:-1300 m	cum	1	20.00	(2.5+3.5)/2	(2.5+1.25+0.85)/3	92.00			
	At ch:-1400 m	cum	1	15.00	(2.5+3.5)/2	(2.25+1.15+0.85)/3	63.75			
	total qty :-						1688.98	514.43	868863.70	

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:-1150 m		2	15.00	3.00		90.00		
	At ch:-1150 m		2	128.00	3.00		768.00		
	At ch:-1250 m		1	360.00	3.00		1080.00		
	At ch:-1350 m		1	48.00	3.00		144.00		
	At ch:-1300 m		1	80.00	3.00		240.00		
	At ch:-1400 m		1	75.00	3.00		225.00		
	Mtr.		total qty:-			2547.00	55.40	141,103.80	
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:-1150 m		2	3.00	4.50		27.00		
	At ch:-1150 m		2	3.00	32.00		192.00		
	At ch:-1250 m		1	4.00	72.00		288.00		
	At ch:-1350 m		1	3.00	12.00		36.00		
	At ch:-1300 m		1	3.00	20.00		60.00		
	At ch:-1400 m		1	4.00	15.00		60.00		
	Mtr.		total qty :-			663.00	30.87	20466.81	
5	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.								
	At ch:-1150 m	cum	2	4.50	(2.5+2.5)/2	(2.25+3.45+2.7)/3	63.00		
	At ch:-1150 m	cum	2	32.00	(3.5+4.5)/2	(2.5+3.5+2.65)/3	738.13		
	At ch:-1250 m	cum	1	72.00	(2.5+2.5)/2	(2.5+2.85+1.75)/3	426.00		

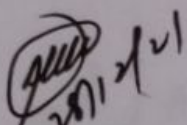
Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
	At ch:-1350 m	cum	1	12.00	(2+0.9)/2	(1.65+2.25+1.5)/3	31.32		
	At ch:-1300 m	cum	1	20.00	(2+1.25)/2	(2.75+2.5+1.5)/3	73.13		
	At ch:-1400 m	cum	1	15.00	(2+0.9)/2	(1.5+2.25+1.75)/3	39.88		
	Total No of E C Bags(3.4cum=100Bags) =			1371.45	/	0.034	40337.00		
		Each		Say No of Bage :-				38.03	1534016.110
6	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.								
	At ch:-1100 m	cum	1	15.00	(2+2.5)/2	(0.85+0.85+0.65)/3	26.44		
	At ch:-1130 m	cum	1	16.00	(2+2.5)/2	(0.85+0.85+0.65)/3	28.20		
	At ch:-1150 m	cum	1	38.50	(5.5+8.5)/2	(1.5+1.85+1.25)/3	413.23		
	At ch:-1250 m	cum	1	72.00	(2.5+3.5)/2	(0.45+1.85+0.65)/3	212.40		
	At ch:-1350 m	cum	1	12.00	(2+3.5)/2	(0.85+0.95+0.65)/3	26.95		
	At ch:-1300 m	cum	1	20.00	(2+3.5)/2	(0.85+1.85+0.65)/3	61.42		
	At ch:-1400 m	cum	1	15.00	(2.5+3.5)/2	(0.85+0.85+0.65)/3	35.25		

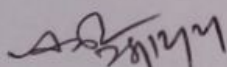
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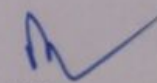
S.E
Kishanganj

Calculation of Seigniorage Fees


NAME OF ROAD :-		House of Subit lal to Chowk via House of Najir			
DISTRICT :-		Araria			
BLOCK :-		Araria			
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	1688.98	Cum	141.85	239582.29
4	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
5	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	1371.46	Cum	141.85	194541.32
6	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	803.89	Cum	1050.00	844081.88
8	Granular Sub-base with Well Graded Material (Table 400.1)	0.00	Cum	384.12	0.00
		A) SUB TOTAL =			1278205.48
	Seigniorage Fees @10% of Basic Amount =				127821



J.E


A.E


E.E

Bill of Quantity					
Phase-2					
NAME OF ROAD :-		House of Subit lal to Chowk via House of Najir			
DISTRICT :-		Araria			
BLOCK :-		Araria			
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	1688.98	cum	514.43	868863.70
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.	2547.00	m	55.40	141103.80
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.	663.00	m	30.87	20466.81
4	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	40337.00	no	38.03	1534016.11
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	803.89	cum	2168.72	1743406.90
		A) SUB TOTAL =			4307857.32
		TOTAL COST =			4307857


J.E.


A.E.

E.E

RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL													
House of Subit lal to Chowk via House of Najir													
				Name of Road				Block		:-		Araria	
DISTRICT :-		Araria											