

RURAL WORKS DEPARTMENT

GOVT OF BIHAR



NAME OF WORKS :-

L048- Chand Bhag to Jharka tola

BLOCK :-

Araria

FDR

Rs. 2491575.83

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 (भा0प्र0सौ0)
सचिव

सेवा में,

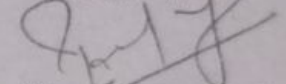
सभी कार्यपालक अभियंता
ग्रामीण कार्य विभाग,

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

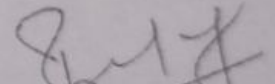

(पंकज कुमार पाल)

सचिव

ज्ञापांक- मु0अ0-4 (मु0) विविध कार्य-23-60/2020 -1937

पटना, दिनांक 07/7/2021

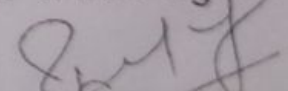
प्रतिलिपि:-सभी अधीक्षण अभियंता को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। साथ ही उन्हें निदेश दिया जाता है कि वे लगातार अनुश्रवण एवं निरीक्षण करते हुए क्षतिग्रस्त भाग को अतिशीघ्र यातायात लायक बनवाने की कारवाई सुनिश्चित करेंगे।


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

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Inspection Report for Flood Damage Work

1. Name of PIUs

: EERWD (w) Division, Araria

2. Name Of Block / Road

: Araria / LG- Chand Bhag to Jharika Tala

A. For Road

1. Damage Location / Chainage

: at ch - 900, 1200, 1350, 1500, 1700 M and 2100 M

2. Damage Length

: 92 Mtr

3. Nature Of Damage

: Flood

4. Details Of Restoration

:

i) Material Being Used In Restoration

: Local Sand, bamboo, 2c Bag and Brick Bats

ii) Equipment / Tools Being Used In Restoration Works

: Tractors and JCB

iii) Procedure Taken Up In Restoration Works

: Manual

iv) Restored Length

: 92 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

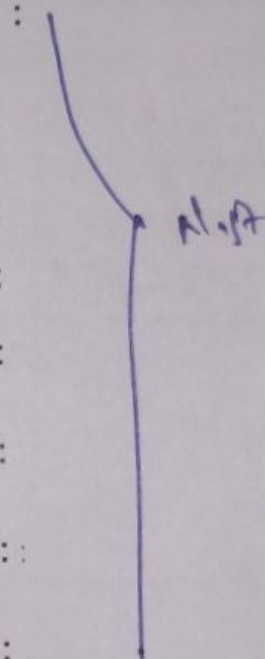
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iii) Procedure Taken Up In Restoration Works

:

iv) Restored Length

:

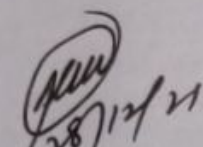


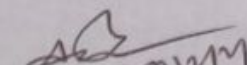
work Found Satisfactory

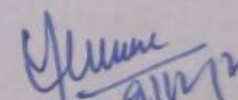
Signature of JE / AE / EE

Signature
Executive Engineer
(Name of Inspector)
Kishanganj-2

SUMMARY OF COST ESTIMATE FOR THE PROJECT		
NAME OF ROAD :-	L048- Chand Bhag to Jharka tola	
DISTRICT :-	Araria	
BLOCK :-	Araria	
Length of Road:-	2.455km	
Length of Cutting:-	82.0Mtr	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
Phase-2		
1	Filling of local sand	478552.79
2	Labour for cutting 62mm to 75mm dia bamboo	154732.20
3	Labour for fitting 62mm to 75mm dia bamboo	11699.73
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	666779.99
6	Supply and Carriage of brick bats	795667.22
7	Supply, laying and carriage of 1000 mm HPC	44250.70
8	Granular Sub-base	0.00
	SUB TOTAL COST =	2151682.64
	ADD GST @12% =	258201.92
	Add Labour cess @ 1%=	21516.83
	Seigniorage Fees @10%=	60174.46
	TOTAL (RS.) =	2491576


J.E


A.E 28/12/21


E.E

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

Technically Sanctioned For Rs. 24,91,576.00

(Rupees Twenty four lacs twenty one

Thousand five hundred seventy six) Only

28/4/22
AG

28/4/22

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

Bill of Quantity**Phase-2**

NAME OF ROAD :-

L048- Chand Bhag to Jharka tola

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	930.26	cum	514.43	478552.79
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.	2793.00	m	55.40	154732.20
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.	379.00	m	30.87	11699.73
4	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	17533.00	no	38.03	666779.99
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	366.88	cum	2168.72	795667.22
6	Supplaying and carriage of hume pipe 1000 mm dia , all complete job.	10.00	m	4425.07	44250.70
		A) SUB TOTAL =			2151682.64
		TOTAL COST =			2151683

J.E

A.E

E.E

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

Phaes-2

NAME OF ROAD :-		L048- Chand Bhag to Jharka tola									
DISTRICT :-		Araria									
BLOCK :-		Araria									
Length of Cutting:-		92.00 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:-900 m	cum	1	11.00	(2+3.5)/2	(1.5+3.5+1.5)/3	65.54				
	At ch:-1200 m	cum	1	6.00	(5.5+7.5)/2	(1.5+3.5+1.75)/3	87.75				
	At ch:-1350 m	cum	1	10.00	(4.5+6.5)/2	(1.5+3.5+1.85)/3	125.58				
	At ch:-1500 m	cum	1	15.00	(2+3.5)/2	(1.5+3.5+1.5)/3	89.38				
	At ch:-1500 m	cum	1	4.00	(4.5+6.5)/2	(1.25+3.5+1.85)/3	48.40				
	At ch:-1700 m	cum	1	10.00	(2+3.5)/2	(1.5+3.5+1.5)/3	59.58				
	At ch:-1700 m	cum	1	22.00	(6+8.5)/2	(1.5+3.5+1.15)/3	326.98				
	At ch:-2100 m	cum	1	14.00	(3.5+5.5)/2	(1.5+3.5+1.05)/3	127.05				
		cum			total qty :-			930.26	514.43	478552.79	

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:-900 m		1	44.00	4.50		198.00		
	At ch:-1350 m	✓	2	50.00	4.50		450.00		
	At ch:-1500 m	✓	1	100.00	4.50		450.00		
	At ch:-1500 m	✓	2	25.00	4.50		225.00		
	At ch:-1700 m		1	66.67	4.50		300.00		
	At ch:-1700 m		2	60.00	4.50		540.00		
	At ch:-2100 m		2	70.00	4.50		630.00		
		Mtr.	total qty:-				2793.00	55.40	154,732.20
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:-900 m		1	3.00	11.00		33.00		
	At ch:-1350 m		2	3.00	10.00		60.00		
	At ch:-1500 m		1	4.00	15.00		60.00		
	At ch:-1500 m		2	3.00	5.00		30.00		
	At ch:-1700 m		1	4.00	10.00		40.00		
	At ch:-1700 m		2	3.00	12.00		72.00		
	At ch:-2100 m		2	3.00	14.00		84.00		
		Mtr.	total qty :-				379.00	30.87	11699.73
5	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.								
	At ch:-900 m	cum	1	11.00	(2.5+3.5)/2	(1.85+2.25+2.5)/3	72.60		
	At ch:-1350 m	cum	2	10.00	(2+1.9)/2	(1.5+2.25+2.25)/3	78.00		

Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)	
	At ch:-1500 m	cum	1	15.00	(2.5+1.5)/2	(2.5+2.85+1.75)/3	71.00			
	At ch:-1500 m ✓	cum	2	5.00	(2.5+3.5)/2	(1.65+2.25+1.5)/3	54.00			
	At ch:-1700 m ✓	cum	1	10.00	(2+1.9)/2	(2.75+2.5+1.5)/3	43.88			
	At ch:-1700 m	cum	2	12.00	(2.5+1.5)/2	(1.5+2.25+1.75)/3	88.00			
	At ch:-2100 m	cum	2	14.00	(2+3.5)/2	(2.65+2.25+2.45)/3	188.65			
	Total No of E C Bags(3.4cum=100Bags) =			596.13	/	0.034	17533.00			
		Each		Say No of Bage :-				38.03	666779.990	
	6	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.								
		At ch:-900 m	cum	1	11.00	(2+3)/2	(0.65+1.25+0.95)/3	26.13		
		At ch:-1200 m	cum	1	6.00	(4+5)/2	(0.85+0.5+0.65)/3	18.00		
	At ch:-1350 m	cum	1	10.00	(4+5)/2	(0.85+0.85+0.65)/3	35.25			
	At ch:-1500 m	cum	1	15.00	(2+3)/2	(0.45+1.25+0.55)/3	28.13			
	At ch:-1500 m	cum	1	4.00	(4+6)/2	(0.65+1.5+0.75)/3	19.33			
	At ch:-1700 m	cum	1	10.00	(2+3)/2	(0.65+1.25+0.75)/3	22.08			
	At ch:-1700 m	cum	1	22.00	(6+7.5)/2	(0.75+1.5+0.85)/3	153.45			
	At ch:-2100 m	cum	1	14.00	(3+4)/2	(1.25+1.85+0.85)/3	64.52			

RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL													
DISTRICT :- Araria				Name of Road				L048- Chand Bhag to Jharka tola					
				Block				Araria					
				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	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

(Signature)
RWD (W) DIVISION
Araria

(Signature)
Assistant Engineer
RWD (W) DIVISION
Araria

(Signature)
Executive Engineer
RWD (W) DIVISION
Araria