RURAL WORKS DEPARTMENT

GOVT OF BIHAR

NAME OF WORKS :- Kabilasha Musahri to Rahatmeena via Madantoli primery School Samardina Pakri Ghat

BLOCK :- Kursakanta

FDR

Rs. 1493163.00

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 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 कार्यो को कराने हेतु कार्यपालक अभियंता पूर्ण रूप से जिम्मेवार होंगे। कार्य न कराने की स्थिति में उनके विरूद्व 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

प्रतिलिपिः–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

प्रतिलिपिः–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(W) Division, Araria

2. Name Of Block / Road : Kursakanta / Kabilasha Mugahri to Rahatmeena via Madantoli primery School Samardina Pakri Ghat.

A. For Road

1.Damage Location / Chainage : CH- 100.M, 200M, 220M, 300M, 400M, 500M, 550M and 600M

2.Damage Length : 195.50M

3.Nature Of Damage : Cutting of Road (Wash out)

4.Details Of Restoration :

i) Material Being Used In Restoration : Local Sand, bamboo, EC Bag & Brick Bats

ii) Equipment / Tools Being Used In Restoration Works : Tractors & JCB

iii) Procedure Taken Up In Restoration Works : Filling all damaged portions of crust & flank with (manual)

iv) Restored Length : 195.50M

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 of JE / AE / EE

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

SUMMARY OF COST ESTIMATE FOR T

NAME OF ROAD :-	Kabilasha Musahri to Rahatmeena via Madantoli primery School Samardina Pakri Ghat
DISTRICT :-	Araria
BLOCK :-	Kursakanta
Length of Road:-	1.100km
Length of Cutting:-	159.50Mtr

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Filling of local sand	498491.24
2	Labour for cutting 62mm to 75mm dia bamboo	97559.40
3	Labour for fitting 62mm to 75mm dia bamboo	21794.22
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag,of local sand	278607.78
6	Supply and Carriage of brick bats	392809.41
7	Supply,laying and carriage of 1000 mm HPC	0.00
8	Granular Sub-base	0.00
	SUB TOTAL COST =	1289262.05
	ADD GST @12% =	154711.45
	Add Labour cess @ 1%=	12892.62
	Seigniorage Fees @10% =	36296.88
	TOTAL (RS.) =	1493163

28/12/021

J.E

A.E

29/12/21

E.E

Ref. E.E. Letter No. 1457 Dt. 28/04/022

S.E

Technically Sanctioned For Rs. 14,93,163 :-

(Rupees. Fourteen lakh ninety three thousand one hundred sixty three)Only

29/4/22
AE

अधीक्षण अभियन्ता
ग्रामीण कार्य बिभाग
कार्य अंचल, किशनगंज

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

NAME OF ROAD :-	Kabilasha Musahri to Rahatmeena via Madantoli primery School Samardina Pakri Ghat
DISTRICT :-	Araria
BLOCK :-	Kursakanta
Length of Cutting:-	159.50 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-incharge								
	At ch:-100 m	cum	1	28.00	(2+3.5)/2	(1.75+2.15+1.5)/3	138.60		
	At ch:-200 m	cum	3	4.50	(2+3.5)/2	(1.5+1.25+1.95)/3	58.16		
	At ch:-220 m	cum	1	15.00	(2+3.5)/2	(1.5+2.5+1.95)/3	81.81		
	At ch:-300 m box culvert 4 side	cum	1	32.00	(2+3.5)/2	(1.5+1.75+1.95)/3	152.53		
	At ch:-400 m	cum	1	7.00	(2+3.5)/2	(1.75+2.15+1.5)/3	34.65		
	At ch:-500 m	cum	1	22.00	(2+3.5)/2	(1.5+1.25+1.95)/3	94.78		
	At ch:-550 m	cum	2	19.00	(2+4.5)/2	(1.5+2.5+1.95)/3	244.94		
	At ch:-500 m	cum	1	20.00	(2+3.5)/2	(1.5+1.75+1.95)/3	95.33		
	At ch:-600 m	cum	1	12.00	(2+3.5)/2	(1.5+2.75+1.95)/3	68.20		
		cum	total qty :-				969.02	514.43	498491.24
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 specfication & direction of Engineer- in -charge.								
	At ch:-100 m		1	93.00	3.00		279.00		
	At ch:-200 m		3	15.00	3.00		135.00		
	At ch:-220 m		1	50.00	3.00		150.00		
	At ch:-300 m box culvert 4 side		1	70.00	3.00		210.00		
	At ch:-400 m		1	23.00	3.00		69.00		

Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
	At ch:-500 m		1	73.00	3.00		219.00		
	At ch:-550 m		2	63.00	3.00		378.00		
	At ch:-500 m		1	67.00	3.00		201.00		
	At ch:-600 m		1	40.00	3.00		120.00		
		Mtr.	toal qty:-				1761.00	55.40	97,559.40
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.								
	At ch:-100 m		1	4.00	28.00		112.00		
	At ch:-200 m		3	4.00	4.50		54.00		
	At ch:-220 m		1	4.00	15.00		60.00		
	At ch:-300 m box culvert 4 side		1	4.00	21.00		84.00		
	At ch:-400 m		1	4.00	7.00		28.00		
	At ch:-500 m		1	4.00	22.00		88.00		
	At ch:-550 m		2	4.00	19.00		152.00		
	At ch:-500 m		1	4.00	20.00		80.00		
	At ch:-600 m		1	4.00	12.00		48.00		
		Mtr.	total qty :-				706.00	30.87	21794.22

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:-300 m box culvert 4 side	cum	1	21.00	(0.6+0.9)/2	(1.25+2.25+1.5)/3	26.25		
	At ch:-350 m	cum	1	22.00	(0.6+0.9)/2	(1.15+2.5+1.5)/3	28.33		
	At ch:-350 m	cum	1	27.00	(0.6+0.85)/2	(1.15+2.5+1.5)/3	33.60		
	At ch:-450 m	cum	4	4.00	(0.6+0.9)/2	(1.5+2.5+1.5)/3	22.00		
	At ch:-1200 m	cum	1	8.00	(0.6+0.9)/2	(1.5+2.25+1.95)/3	11.40		
	At ch:-1800 m	cum	1	28.00	(0.6+0.9)/2	(1.5+2.5+1.95)/3	41.65		
	At ch:-1900 m	cum	1	11.00	(0.6+0.9)/2	(1.2+2.5+1.5)/3	14.30		
	At ch:-2400 m	cum	1	8.00	(0.6+0.9)/2	(1.5+2.5+1.5)/3	11.00		
	At ch:-2450 m	cum	1	18.00	(0.6+0.9)/2	(1.5+1.5+1.85)/3	21.83		
	At ch:-2600 m	cum	1	13.00	(0.6+0.9)/2	(1.65+1.15+1.85)/3	15.11		
	At ch:-2700 m	cum	1	21.00	(0.6+0.9)/2	(1.5+1.15+1.85)/3	23.63		
	Total No of E C Bags(3.4cum=100Bags) =			249.09	/	0.034	7326.00		
		Each			Say No of Bage :-		7326.00	38.03	278607.780
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	1	28.00	(2+2.5)/2	(0.25+0.35+0.5)/3	23.10		
	At ch:-200 m	cum	3	4.50	(2+2.5)/2	(0.25+0.45+0.5)/3	12.15		
	At ch:-220 m	cum	1	15.00	(2+2.5)/2	(0.25+0.45+0.65)/3	15.19		
	At ch:-300 m box culvert 4 side	cum	1	32.00	(2+2.5)/2	(0.35+0.5+0.5)/3	32.40		
	At ch:-400 m	cum	1	7.00	(2+2.5)/2	(0.25+0.5+0.5)/3	6.56		

Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
	At ch:-500 m	cum	1	22.00	(2+2.5)/2	(0.25+0.5+0.65)/3	23.10		
	At ch:-550 m	cum	2	19.00	(2+2.5)/2	(0.25+0.5+0.5)/3	35.63		
	At ch:-500 m	cum	1	20.00	(2+2.5)/2	(0.35+0.45+0.5)/3	19.50		
	At ch:-600 m	cum	1	12.00	(2+2.5)/2	(0.25+0.5+0.75)/3	13.50		
		cum	total qty :-				181.13	2,168.72	392809.41
							A) SUB TOTAL =		1289262.05
							TOTAL COST =		1289262.05

28/12/07

29/12/07

	Junior Engineer	Asstt. Engineer		Executive Engineer

S.E
Kishanganj

Calculation of Seigniorage Fees

NAME OF ROAD :-	Kabilasha Musahri to Rahatmeena via Madantoli primery School Samardina Pakri Ghat
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-incharge	969.02	CUM	141.85	137455.01
2	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	249.08	CUM	141.85	35332.57
3	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	181.13	CUM	1050.00	190181.25
		A) SUB TOTAL =			362968.83
	Seigniorage Fees @10% of Basic Amount =				36297

24/12/17

J.E

A.E

29/12

E.E

Bill of Quantity

NAME OF ROAD :-	Kabilasha Musahri to Rahatmeena via Madantoli primery School Samardina Pakri Ghat
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-incharge	969.02	514.43	498491.24
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 specfication & direction of Engineer- in -charge.	1761.00	55.40	97559.40
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.	706.00	30.87	21794.22
4	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	7326.00	38.03	278607.78
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	181.13	2168.72	392809.41
		A) SUB TOTAL =		1289262.05
		TOTAL COST =		1289262

28/12/17

J.E

A.E

E.E 29/12

RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL

Name of Road : **Kabilasha Musahri to Rahatmeena via Madantoli primery School Samardina Pakri Ghat**

DISTRICT :- Araria

Block :- **Kursakanta**

Sr. No.	Description of Items	Source	Unit	Carriage By Tractor				Carriage By Rail				Loading + Unloading	Rail Carriage	Carriage Cost
				Caopacity	Haulage	Lead	Total	Capacity	Haulage	Lead	Total			
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

24/12/24

J.E
RWD (W) DIVISION
Araria

Assistant Engineer
RWD (W) DIVISION
Araria

Executive Engineer
RWD (W) DIVISION
Araria