## WORKS DEPARTMENT 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 ० 7 /07/2021

प्रेषक.

पंकज कुमार पाल (गा०प्र०२१०) 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 उत्तरते 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।

(पंकर्ज कुमार पाल)

वेश्वासभाजन

ज्ञापांक— मु0अ0—4 (मु0) विविध कार्य—23—60/2020 - 1937 पटना, दिनांक > 7/7/2021 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 अतिशीघ यातायात लायक बनवाने की कारवाई सुनिश्चित करेंगे।

ज्ञापांक-मु030-4 (मु0) विविध कार्य-23-60/2020 1937 पटना, दिनांक 7/7/2021 प्रतिलिपि:-सभी मुख्य अभियंता, ग्रामीण कार्य विभाग को सूचनार्थ एवं लगातार अनुश्रवण करने हेतु प्रेषित।

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## Inspection Repo

Page 11 Kebout 101 F	lood Damage Work
1.Name of PIUs	E.E RWD(w) Division, Arravia
2. Name Of Block / Road :	Arrania / House of Subit lal to
A. For Road	Arrania / House of subst lal to Chowk via House of Mastr
1 Damage Location / Chainage	of ch-1100, 1130, 1150, 1250, 1350, 1300
2.Damage Length	188.50 MAY
3. Nature Of Damage	Flood
4 Details Of Restoration	
i) Material Being Used In Restoration	Local sound, boundon, EC Raa and
ii) Equipment / Tools Being Used In Restoration Wor	Local Sound, boromboo, EC Bag and ks Brick Bets Tractors
iii) Procedure Taken Up In Restoration Works	: Manual
iv) Restored Length	: 188.5017
B. For Bridge	
1.Damage Location / Chainage	: (
2.Damage Length	: Jury
3 Nature Of Damage	
4. Details Of Restoration	
i) Material Being Used In Restoration	
ii) Equipment / Tools Being Used in Restoration Wor	ks :
iii) Procedure Taken Up In Restoration Works	::
iv) Restored Length	
	work Found Satisfactory

Signature of JE / AE EE

Signature

Kishanganj-2

5	UMMARY 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	
SI. No.	DESCRIPTION	(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 121

A.E MINM



28/4/22

1457

Technically Sanctioned For 49,95,699=00

(Rupees Forty hine 1906 hinty five

thousand six hundred hinty hise ) Only

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Che you

अधीक्षण अभियन्तां ग्रामीण कार्य विभाग कार्य अंचल, किशनगंज

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

				AMOLINT (Rs.)	AIMOOINT (155.)	-in-incharge									868863.70
				100	RATE (KS.)	on of Engineer									514.43
					QUANTITY	cation & direction	61.50	77.60	1021 53	2011701	320.40	52.20	92.00	63.75	1688.98
					D(m)	ramming, all complete job as per specification & direction of Engineer-in-incharge	(0.75+2.5+0.85)/3	(4 5+2 5+0.85)/3	C/12 4 CF 10 4 E//2	(2.85+4.65+2.45)/3	(0.95+2.65+0.85)/3	(0.85+2.85+0.65)/3	(2.5+1.25+0.85)/3	(2.25+1.15+0.85)/3	
Phaes-2	House of Subit Ial to Chowk via House of Ivajii				B(m)	& ramming, all com	(2.5+3.5)/2	(10 51.2 51/2	1/(5:2+5:2)/2	(6.5+9.5)/2	(2.5+3.5)/2	(2.5+3.5)/2	(2.5+3.5)/2	(2.5+3.5)/2	total qty :-
	I to Chow				L(m)	, watering	15.00	00.01	16.00	38.50	72.00	12 00	20.00	15.00	200
	Subit la			Km	Nos.	iver bed	,	-	-	-	-				-
	House of	Araria	Araria	188.50	Unit	d from r		uno	cnm	cum	all o		Cum	allo allo	cum
	NAME OF ROAD :-			Cutting:-	SMELLON OF ITEMS	Filling of local sand obtained from river bed, watering &		At ch:-1100 m	At ch:-1130 m	At ch:-1150 m	At ch: 4260 m	At Cit;-1230 III	At ch:-1350 m	At Cn:-1300 m	At Cn:-1400 m

AMOUNT (Rs.)	r specfication							141,103.80	sluding cost of							20466.81					
RATE (Rs.) AI	omplete job as per							55.40	38 swg G.I wire inc							30.87					
QUANTITY	nachine etc. all c	90.00	768.00	1080.00	144.00	240.00	225.00	2547.00	0 mm long nails or	27.00	192.00	288.00	36.00	00.09	60.00	663.00		n-charge.	63.00	738.13	426.00
D(m)	size and making shoes & driving by jet machine etc. all complete job as per specfication								ery vertical pile with 150 in-charge.									direction of Engineer-ir	(2.25+3.45+2.7)/3	(2.5+3.5+2.65)/3	(2.5+2.85+1.75)/3
B(m)		3.00	3.00	3.00	3.00	3.00	3.00	toal qty:-	ners in position at every vertica direction of Engineer-in-charge	4.50	32.00	72.00	12.00	20.00	15.00	total qty :-		ing in position as the	(2.5+2.5)/2	(3.5+4.5)/2	(2.5+2.5)/2
L(m)	ooo piles to	15.00	128.00	360.00	48.00	80.00	75.00		bamboo run	3.00	3.00	4.00	3.00	3.00	4.00			ing and plac	4.50	32.00	72.00
Nos.	ia baml	2	2	-	1	-	1		nm dia per spe	2	2	1	1	1	1			d stitch	2	2	1
Unit	75mm d charge.							Mtr.	nm to 75 rete job as							Mtr.		local san	cnm	cum	cum
DESCRIPTION OF ITEMS	7 %	At ch:-1150 m	At ch:-1150 m	At ch:-1250 m	At ch:-1350 m	At ch:-1300 m	At ch:-1400 m		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	At ch:-1150 m	At ch:-1250 m	At ch:-1350 m	At ch:-1300 m	At ch:-1400 m			Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	At ch:-1150 m	At ch:-1150 m	At ch:-1250 m
	No. 2 Labour for cut & direction of	At ch:-1	At ch:-1	At ch:-1.	At ch:-1	At ch:-1	At ch:-1		3 Labour for fittin G.I wire or nails	At ch:-1	THE REAL PROPERTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAME	At ch:-1	At ch::1	At ch::1	At ch:-1  Supplying of E						

AMOUNT (Rs.)					1534016.110								
RATE (Rs.) AM					38.03								
QUANTITY	31.32	73.13	39.88	40337.00	40337.00	ete job.	26.44	28.20	413.23	212.40	26.95	61.42	35.25
D(m)	(1.65+2.25+1.5)/3	(2.75+2.5+1.5)/3	(1.5+2.25+1.75)/3	0.034	۸.	nd lying of bats, all compl	(0.85+0.85+0.65)/3	(0.85+0.85+0.65)/3	(1.5+1.85+1.25)/3	(0.45+1.85+0.65)/3	(0.85+0.95+0.65)/3	(0.85+1.85+0.65)/3	(0.85+0.85+0.65)/3
B(m)	(2+0.9)/2	(2+1.25)/2	(2+0.9)/2	,	Say No of Bage	acing in breaches an	(2+2.5)/2	(2+2.5)/2	(5.5+8.5)/2	(2.5+3.5)/2	(2+3.5)/2	(2+3.5)/2	(2.5+3.5)/2
L(m)	12.00	20.00	15.00	1371.45		each and p	15.00	16.00	38.50	72.00	12.00	20.00	15.00
Nos.	-	1	-			8 km br	1	-	-	-	-	-	-
Unit	cum	cum	cnm		Each	ats upto	cnm	cnm	cnm	cnm	cnm	cnm	cnm
DESCRIPTION OF ITEMS	At ch:-1350 m	At ch:-1300 m	At ch:-1400 m	Total No of E C Bags(3.4cum=100Bags) =		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	At ch:-1130 m	At ch:-1150 m	At ch:-1250 m	At ch:-1350 m	At ch:-1300 m	At ch:-1400 m
SI.						9							

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AMOUNT (Rs.)	1743406.90		4307857.32	4307857.32	The state of the s
RATE (Rs.)	2,168.72		A) SUB TOTAL =	TOTAL COST =	Executive Engineer
QUANTITY	803.89		A) SUB	TOTAL	
D(m)					
B(m)	total qty :-				Asstt. Engineer S.E.
L(m)					sstt. Engin
Nos.					
Unit					
DESCRIPTION OF ITEMS		٤			Junior Engineer
SI.	No.				

'n.

Kishanganj

	Cal	culation of Sei	gniorage Fe	es	
NAME	OF ROAD :-	House of Subit lal to	Chowk via House	of Najir	
DISTR	RICT :-	Araria			
BLOC	K:-	Araria			
SI. 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	1688.98	Cum	141.85	239582.29
4	Labour for fiting 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 Ba	sic Amount =		127821

AF

E.E

		Bill of Qu	antity		
		Phase	-2		
NAME	OF ROAD :-	House of Subit lal to	Chowk via House	of Najir	
DISTR	UCT :-	Araria			
BLOC	K:-	Araria			
SI. 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	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 specfication & 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.		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

JANIN N

AL DENINA

			RA	TE ANAL	Nam	Name of Road	AGE	RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL  Name of Road House of Subit la	Subit lal t	o Chowk	c via Hor	House of Subit Ial to Chowk via House of Najir		
	DISTRICT :-	Araria			Block	×	1.	Araria						
				0	arriage B	Carriage By Tractor							E-CO	Camada
Sr.	Description of Items	Source	Unit	Caopacity	Haulage Lead	ead	Total	Capacity	Haulage	Lead	lotal	Loading +	Carriage	Cost
No.		cimid	Σ	8/22.5	6.83	115	628.36	8/22.5	16.54	0.00	0.00	70.46		698.82
-	Hume Pipe 1000 mm Dia	3		9/52 50	6.83	115	119.69	8/52.50	16.54	0.00	0.00	30.20		149.89
2	Hume Pipe 600 mm Dia	Purnia	IN .	00.300						000	254 67	2224 00		2805.73
9	Bamboo	Local	% Nos	3.60/1.35	17.03	5	227.07	3.60/1.35	26.60	00.00	10.4.00	200		
	2000	Local	cum	3.60/2.25	17.03	2	54.50	3.60/2.25	26.60	1	42.56	97.82		194.88
4	800			000	0 00	120	1313 99	8/4.99	16.54	00.00	00:00	180.88		1494.87
2	Stone Metal gr-II	Mirzachowki	cnm	8/4.33										1404 87
9	Stone Metal gr-II	Mirzachowki	cnm	8/4.99	6.83	120	1313.99	8/4.99	16.54	0	0.00	180.88		167:01
7	Brick Bats	Local	800 Nos	3.60/2.25	17.03	7	190.74	3.60/2.25	26.60	-	42.56	180.88		414.18
œ	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
		N. W.	SWD (W) DIVISION	1 1 Noisivia		As, RWI	Assistant Engineer	Nois				Executive Engineer RWD (W) DIVISION Araria	NOIS	

Sep. 197

Araria