## WORKS DEPARTMENT OVER OUT OF BIHAR



NAME OF WORKS :-

T02-Nepal Border Garaia Gaon to NH-57 via Pahunsi Balchanda

BLOCK :-

Kursakanta

District :-

Araria

**FDR** 

Rs. 8949682.36

YEAR(2021-22)

R.W.D., WORKS CIRCLE, Kishanganj

R.W.D., WORKS DIVISION, Araria

## ग्रामीण कार्य विभाग बिहार, सरकार

पत्रांक — मु0310—4 (मु0) विविध कार्य—23—60/2020 — 1937 पटना, दिनांक 07/07/2021 प्रेषक.

पंकज कुमार पाल (मा०प्र०२०) 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 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) सचिव

वेश्वासभाजन

ज्ञापांक— मु0अ0—4 (मु0) विविध कार्य—23—60/2020 - 1937 पटना, दिनांक 67/7/2021 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।

ज्ञापांक-मु0अ0-4 (मु0) विविध कार्य-23-60/2020 1937 पटनाँ, दिनांक 7/7/2021 प्रतिलिपि:-सभी मुख्य अभियंता, ग्रामीण कार्य विभाग को सूचनार्थ एवं लगातार अनुश्रवण करने हेतु प्रेषित।

W.

## Inspection Report for Flood Damage Work

1.Name of PIUs	: E.E R.I.J. D (I.f.) división, Asasci.
2. Name Of Block / Road	: Icus sabouts / Too depat borden beasasia game la MH-57 via paulini, Balcharde
A. For Road	game to NH-57 via partiesi, Balcharde
1.Damage Location / Chainage	: (22.80,23.40)/cm
2.Damage Length	: 146.504
3.Nature Of Damage	: flowle (csust washed out- : tocal savel, Bruke tat, F.c. bay rylongsets -
4 Details Of Restoration	: Local savel, Brick tat, F.c. bay ryloniste -
i ) Material Being Used In Restoration	: samboo.
ii) Equipment / Tools Being Used In Restoration W	orks: Tractors & others.
iii) Procedure Taken Up In Restoration Works	: manual.
iv) Restored Length	: 146.50 M
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 V	Vorks :
iii) Procedure Taken Up In Restoration Works	
iv) Restored Length	:
<i>b</i> .,	work found satisfactory.
	~0

Signature of JE / AE / EE

Signature Executive Engineer

Name Of DIVISION

<u>s</u>	UMMARY OF COST ESTIMATE FOR THE PROJECT	
NAME OF ROAD :-	T02-Nepal Border Garaia Gaon to NH-57 via Pahu	nsi Balchanda
DISTRICT :-	Araria	
BLOCK :-	Kursakanta	
Length of Road:-	33.10km	
Length of Cutting:-	146.5 Mtr	
SI. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Filling of local sand	2000412.50
2	Labour for cutting 62mm to 75mm dia bamboo	21938.40
3	Labour for fitting 62mm to 75mm dia bamboo	3272.22
4	Labour for filling empty cement bags with local sand Nylon crate	5501372.38
5	Supplying of EC bag, of local sand	81802.53
6	Supply and Carriage of brick bats	237547.13
7	Supply,laying and carriage of 1000 mm HPC	0.00
8	Granular Sub-base	0.00
	SUB TOTAL COST =	7846345.16
	ADD GST @12% =	941561.42
	Add Labour cess @ 1%=	78463.45
	Seigniorage Fees @10% =	83312.34
	TOTAL (RS.) =	8949682

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E.E

Ref. E.E. Letter No. 1457 Dt 28 lu 22

Technically Sanctioned For Rs. 89, 49, 682 200

(Rupees Eighty wine lack forty wine

Howard six hundred lighty

अधीक्षण अभियन्ता ग्रामीण कार्य विभाग कार्य अंचल, कि.शनगंज कार्य अंचल, कि.शनगंज

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

NAN	NAME OF ROAD :-	T02-Nepal Border Garaia	al Borde	_	Gaon to NH-57 via Pahunsi Balchanda	nunsi Balchanda			
DIST	DISTRICT :-	Araria							
BLO	BLOCK :-	Kursakanta	nta					-	
Leng	Length of Cutting:-	146.5 Mtr							
S. S.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
-	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-incharge	ed from ri	iver bed	watering &	ramming, all comp	lete job as per specific	ation & direction	n of Engineer-in	-incharge
	At ch:-22.8 km	cnm	2	120.00	(3.8+5.8)/2	(2.6+3.8+2.65)/3	3475.20		
	At ch:-23.400 km	cnm	-	26.50	(7.5+8.5)/2	(1.5+2.5+1.85)/3	413.40		
		cnm			total qty :-		3888.60	514.43	2000412.50
7	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.	to 75mm charge.	dia baml	ooo piles to	size and making sh	oes & driving by jet ma	chine etc. all co	mplete job as p	er specfication &
	At ch:-23.400 km		-	88.00	4.50		396.00		
		Mtr.			toal qty:-		396.00	55.40	21,938.40
6	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.	mm to 75	mm dia	bamboo runn cification & d	unners in position at every vertica & direction of Engineer-in-charge	ery vertical pile with 150 in-charge.	mm long nails or	38 swg G.I wire	including cost of
	At ch:-23.400 km		-	4.00	26.50		106.00		
		Mtr.			total qty :-		106.00	30.87	3272.22
L									

AMOUNT (Rs.)	150 M including					5501372.38				81802.530
RATE (Rs.)	m )with lead of					1249.46				38.03
QUANTITY	(1 m X 1 m X 1 E/I	3116.67	3116.67	110065.08	4403.00	4403.00	charge.	73.14	2151.00	2151.00
D(m)	ing in Nylon crate of size cification and direction of	(2.15+3.85+2.5)/3		35.315	25		direction of Engineer-in-c	(2.25+2.5+2.15)/3	0.034	
B(m)	ng the bags and plac	(5.5+4.5+3.75)/3		×	1	total qty :-	ng in position as the o	(1.5+0.9)/2	1	Say No of Bage :-
L(m)	al sand, stitchi plete as per a	120		3116.67	110065.08		ning and placir	26.50	73.14	
Nos.	th looca	2		67			nd stitch	-		
Unit	t bags wi					<sup>o</sup> N	local sar	cnm		Each
DESCRIPTION OF ITEMS	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 X 1 m ) with lead of 150 M including supply of sutilietc. at site in dry portion all complete as per approved design, specification and direction of E/I	At ch:-22.8 km		No of Each Bags	No of Nylon crate =(No of bags / 25)		Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	At ch:-23.400 km	Total No of E C Bags(3.4cum=100Bags) =	
SI. No.	4						2			

AMOUNT (Rs.)			237547.13	7846345.16	7846345.16		je	
RATE (Rs.) AMOUNT (Rs.)			2,168.72	A) SUB TOTAL =	TOTAL COST =	J. Marie	Executive Engine	
QUANTITY	e job.	109.53	109.53	A) SUB	TOTAL			
D(m)	I lying of bats, all complete	(0.45+0.75+0.35)/3						
B(m)	cing in breaches and	(7.5+8.5)/2	total qty :-				eer	w o
L(m)	reach and pla	26.50				_	Asstt. Engineer	
Nos.	8 km b	-						
Unit	ats upto	cum	cum					
DESCRIPTION OF ITEMS Unit Nos.	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	At ch:-23.400 km				(Feliner	Junior Engineer	
SI. No.	9							

Kishanganj

NAM	E OF ROAD :-	T02-Nanal Bordes C	Service Connected MI	167 10 0 10 10 10 10	
		102-14epai Border G	saraia Gaon to Ni	H-57 via Pahunsi Balc	handa
	RICT:-	Araria			
BLO	OK:-	Kursakanta			
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	3888.60	cum	141.85	551597.91
2	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	1100.75	cum	141.85	156141.39
-	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	73.13	cum	141.85	10374.06
	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	109.53	cum	1050.00	115010.00
	Granular Sub-base with Well Graded Material (Table 400.1)	0.00	cum	384.12	0.00
		A	SUB TOTAL		833123.36

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Bill	of	Quantity
	200	

AME	OF ROAD :-	T02-Nepal Border Balchanda	Garaia Gaon to NH-	57 via Pahunsi
ISTR	RICT :-	Araria		
LOC	K :-	Kursakanta		
SI. 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	3888.60	514.43	2000412.50
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.	396.00	55.40	21938.40
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.	106.00	30.87	3272.22
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	4403.00	1249.46	5501372.38
5	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	2151.00	38.03	81802.53
6	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	109.53	2168.72	237547.13

		TOTAL	. COST =	7846345
		A) SUB	TOTAL =	7846345.16
8	Granular Sub-base with Well Graded Material (Table 400.1)	0.00	2,564.86	0.00
,	Supplaying and carriage of hume pipe 1000 mm dia , all complete job.	0.00	4425.07	0.00

J.E

DISTRICT:	-			-	RATE ANALY	ALYSIS	FOR CAR	RIAGE	Name of Boad T02-Nenal Border	MATERIA	L Garaia	Gaon to	NH-K7 vis	Dahinei	
DISTRICT :- Araria   Source   Unit   Carpacity   Haulage   Lead   Total   Capacity   Local   Source   Local   Source   Source   Local   Source   Source   Local   Source   Capacity   Haulage   Lead   Total   Capacity   Haulage   Lead   Total   Capacity   Capacity   Local   Source   Local   Source   Capacity   Haulage   Lead   Total   Capacity   Capacity   Local   Source   Capacity   Haulage   Local   Source   Capacity   Haulage   Lead   Total   Capacity   Capacity   Capacity   Local   Source   Capacity   Haulage   Local   Source   Capacity   Source   Capacity   Haulage   Local   Source   Capacity   Haulage   Capacity   Haulage   Capacity   Haulage   Capacity   Haulage   Local   Capacity   Haulage   Capacity   Haulage   Local   Capacity   Haulage   Local   Capacity   Haulage   Local   Capacity   Capacity	_					2	ame of r	nan	Balchar	ida Ida	Garaia	Gaoil to	PIA /C-UN	Lamning	
Purnia   Source   Unit   Caopacity   Haulage   Lead   Total   Capacity   Camage   Camage   Capacity   Capacity   Capacity   Hume Pipe 1000 mm Dia   Purnia   M		DISTRICT :-	Araria	-		8	lock		Kursaka	ınta					
Description of Items         Source         Unit         Caopacity         Haulage         Load         Total         Capacity         Haulage         Lead         Capacity         Local         Capacity         Haulage         Lead         Capacity         Local         Local         Capacity         Local         Capacity         Local         Capacity         Capa						Carriage	By Tracte	70							
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         70.46           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         30.20           Hume Pipe 600 mm Dia         Purnia         M         8/52.50         6.83         17.03         5         227.07         3.607.135         226.60         1         42.56         97.82         7         1           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         14           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         14           Stone Metal gr-II         Mirzachowki         cum         8/4.99         6.83         17.03         7         190.74         3.602.25         26.60         1         42.56         97.82         14 <td>5°.0</td> <td>Description of Items</td> <td>Source</td> <td>Unit</td> <td>Caopacity</td> <td>Haulage</td> <td>Lead</td> <td>Total</td> <td>Capacity</td> <td>Haulage</td> <td>Lead</td> <td>Total</td> <td>Loading + Unloading</td> <td>Rail Carriage</td> <td>Carriage</td>	5°.0	Description of Items	Source	Unit	Caopacity	Haulage	Lead	Total	Capacity	Haulage	Lead	Total	Loading + Unloading	Rail Carriage	Carriage
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           Bamboo         Local         % Nos         3.60/1.35         17.03         5         227.07         3.60/1.35         227.07         227.07         26.60         1         42.56         97.82           Stone Metal g-II         Mirzachowki         cum         8/4.99         6.83         120         1313.99         8/4.99         16.54         0.00         0.00         180.88         1           Stone Metal g-II         Mirzachowki         cum         8/4.99         6.83         120         1313.99         8/4.99         16.54         0.00         0.00         180.88         1           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         1	-	Hume Pipe 1000 mm Dia	Purnia	Σ	8/22.5	6.83	115	628.36	8/22.5	16.54	0.00	0.00	70.46		698.82
Bamboo         Local         % Nos         3.60/1.35         17.03         5         227.07         3.60/1.35         26.60         5.00         5.00         354.67         2224.00           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         7           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         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         7	2	Hume Pipe 600 mm Dia	Purnia	M	8/52.50		115	119.69	8/52.50	16.54	0.00	0.00	30.20		149.89
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           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         1           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         1           Brick Bats         Local         800 Nos         3.60/2.25         17.03         7         190.74         3.60/2.25         26.60         1         42.56         97.82         1	60	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
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           Stone Metal gr-II         Mirzachowki         cum         8/4.99         6.83         120         1313.99         8/4.99         16.54         0         0.00         180.88           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           Local Sand         Local         cum         3.60/2.25         17.03         2         54.50         3.60/2.25         26.60         1         42.56         97.82	4	E.C Bag	Local	cnm	3.60/2.25	17.03	2	54.50	3.60/2.25	26.60	1	42.56	97.82		194.88
Mirzachowki         cum         8/4.99         6.83         120         1313.99         8/4.99         16.54         0         0.00         180.88           Local         800 Nos         3.60/2.25         17.03         7         190.74         3.60/2.25         26.60         1         42.56         180.88           Local         cum         3.60/2.25         17.03         2         54.50         3.60/2.25         26.60         1         42.56         97.82	2	Stone Metal gr-II	Mirzachowki	cnm	8/4.99	6.83	120	1313.99	8/4.99	16.54	0.00	0.00	180.88		1494.87
Local cum 3.60/2.25 17.03 7 190.74 3.60/2.25 26.60 1 42.56 180.88 180.88		Stone Metal gr-II	Mirzachowki	cnm	8/4.99	6.83	120	1313.99	8/4.99	16.54	0	0.00	180.88		1494.87
Local cum 3.60/2.25 17.03 2 54.50 3.60/2.25 26.60 1 42.56 97.82		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
		Local Sand	Local	cum	3.60/2.25	17.03	2		3.60/2.25	26.60	-	42.56	97.82		194.88

Executive Engineer RWD (W) DIVISION Araria

Zelly on J.E. RWD (W) DIVISION Araria

Assistant Engineer RWD (W) DIVISION Araria