

RURAL WORKS DEPARTMENT

GOVT OF BIHAR



NAME OF WORKS :-

Techni Bhebhra PMGSY Amgachhi to Kali sthna Ambari

BLOCK :-

Jokihat

FDR

Rs. 2660700.48

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 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

प्रतिवेदन

पथ का नाम :- Tekni Bheblin masry Angachhi to Kali sthan Ambari

कार्य का नाम :-

में बाढ़ से क्षतिग्रस्त भाग में यातायात चालू करने का कार्य।

संलग्न प्राक्कलन 14.07.2021 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त Tekni Bheblin masry Angachhi to Kali sthan Ambari में बाढ़ क्षतिग्रस्त मरम्मति मद से यातायात चालू करने हेतु तैयार किया गया है

जिसकी प्राक्कलित लागत 26.607 लाख है।

उक्त पथ का निर्माण mm417 (41.8) योनान्तर्गत हुआ है एवं योजना अनुरक्षण अवधि में 57।

पथ के कटे (क्षतिग्रस्त) भाग में आवश्यकता अनुसार Hume Pipe, Bamboo, लोकल बालू एवं Brick Bats देने के बाद यातायात चालू कराया गया है। पथ के विभिन्न हिस्से में कराये गये कार्य का विवरणी स्पष्ट रूप से प्राक्कलन में दर्शाया गया है।

प्राक्कलन मदों का दर वर्तमान अनुसूचित दर के अनुरूप है।

20/12/21

कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा,

20.12.

सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल, जोकिदह

20/12/21

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, अररिया

Inspection Report for Flood Damage Work

1. Name of PIUs

: EE RWD works Division, Araria

2. Name Of Block / Road

: Techni Bhebhra Panchayat, Amgachhi to Kall
Sthra Ambazai

A. For Road

1. Damage Location / Chainage

: Ch-50, 60, Ch-175, Ch-210, Ch-230, Ch-590
Ch-600, Ch-650

2. Damage Length

: 157.0 m

3. Nature Of Damage

: Flood

4. Details Of Restoration

:

i) Material Being Used In Restoration

: Bamboo, Ec-bag, Sand & Brick Bats

ii) Equipment / Tools Being Used In Restoration Works

: JCB & Tractor

iii) Procedure Taken Up In Restoration Works

: filling all damaged portion of crust
and flank with above materials.

iv) Restored Length

: 157.0 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 Works

:

iii) Procedure Taken Up In Restoration Works

:

iv) Restored Length

:

N/A

Work found satisfactory

Signature

Executive Engineer
Name (Of Inspector)
Kishanganj-2

Signature of JE / AE / EE

SUMMARY OF COST ESTIMATE FOR THE PROJECT		
NAME OF ROAD :-	Techni Bhebhra PMGSY Amgachhi to Kali sthna Ambari	
DISTRICT :-	Araria	
BLOCK :-	Jokihat	
Length of Road:-	2.548km	
Length of Cutting:-	157.0Mtr	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
Phase-1 & Phase-2		
1	Filling of local sand	983519.43
2	Labour for cutting 62mm to 75mm dia bamboo	175156.33
3	Labour for fitting 62mm to 75mm dia bamboo	28925.19
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	323521.21
6	Supply and Carriage of brick bats	782329.59
7	Supply, laying and carriage of 1000 mm HPC	0.00
8	Granular Sub-base	0.00
	SUB TOTAL COST =	2293451.75
	ADD GST @12% =	275214.21
	Add Labour cess @ 1% =	22934.52
	Seigniorage Fees @10% =	69100.00
	TOTAL (RS.) =	2660700

[Signature]
J.E. 20/12/21

[Signature]
A.E. 20.12.2021

[Signature]
E.E. 20/12/21

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

Technically Sanctioned For Rs. S.E. 26,60,700-00

(Rupees) Twenty six lacs sixty thousand

Seven hundred Only

[Signature]
29/4/22

[Signature]
29/4/22
Superintending Engineer
Rural Works Department
Work Circle Kishanganj

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

Phaes-1

NAME OF ROAD :- Techni Bhebhra PMGSY Amgachhi to Kali sthna Ambari										
DISTRICT :- Araria										
BLOCK :- Jokihat										
Length of Cutting:- 21.00 Mtr										
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:-175 m	cum	1	21.00	(5.5+7.5)/2	(3.95+5.25+3.95)/3	598.33			
		cum					598.33	514.43		307796.33
total qty :-										
2	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.									
	At ch:-175 m	cum	1	21.00	(5.5+6.5)/2	(0.55+0.85+0.75)/3	90.30			
		cum					90.30	2,168.72		195835.42
total qty :-										
								A) SUB TOTAL =	503631.75	
								TOTAL COST =	503631.75	

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

Phaes-2

NAME OF ROAD :-		Techni Bhebhra PMGSY Amgachhi to Kali sthna Ambari							
DISTRICT :-		Araria							
BLOCK :-		Jokihat							
Length of Cutting:-		157.00 m							
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:-50 m	cum	2	27.00	(2.5+3.5)/2	(2.15+1.85+1.5)/3	297.00		
	At ch:-60 m	cum	2	10.00	(2.5+3.5)/2	(2.25+1.5+0.95)/3	94.00		
	At ch:-175 m	cum	1	21.00	(6+8.5)/2	(1.85+2.25+1.95)/3	307.04		
	At ch:-210 m	cum	1	15.00	(2.5+3.5)/2	(1.5+1.25+0.95)/3	55.50		
	At ch:-230 m	cum	2	16.00	(2.5+3.5)/2	(2.25+1.95+0.75)/3	158.40		
	At ch:-590 m	cum	2	15.00	(2.5+3.5)/2	(2.25+0.95+0.85)/3	121.50		
	At ch:-600 m	cum	2	25.00	(2.5+3.5)/2	(2.25+0.95+0.75)/3	197.50		
	At ch:-650 m	cum	1	28.00	(2.5+3.5)/2	(0.5+1.5+0.95)/3	82.60		
		cum	total qty :-				1313.54	514.43	675723.10

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:-50 m		2	90.00	3.50		630.00		
	At ch:-60 m		2	33.33	3.50		233.33		
	At ch:-175 m		2	70.00	3.50		490.00		
	At ch:-210 m		1	50.00	3.50		175.00		
	At ch:-230 m		2	53.33	3.50		373.33		
	At ch:-590 m		2	50.00	3.50		350.00		
	At ch:-600 m		2	83.33	3.50		583.33		
	At ch:-650 m		1	93.33	3.50		326.67		
		Mtr.	total qty:-				3161.67	55.40	175,156.33
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:-50 m		2	4.00	27.00		216.00		
	At ch:-60 m		2	3.00	10.00		60.00		
	At ch:-175 m		2	4.00	21.00		168.00		
	At ch:-210 m		1	3.00	15.00		45.00		
	At ch:-230 m		2	3.00	16.00		96.00		
	At ch:-590 m		2	3.00	15.00		90.00		
	At ch:-600 m		2	3.00	25.00		150.00		
	At ch:-650 m		1	4.00	28.00		112.00		
		Mtr.	total qty :-				937.00	30.87	28925.19
4	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.								
	At ch:-50 m	cum	2	27.00	0.90	1.25	60.75		

Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
	At ch:-60 m	cum	2	10.00	0.90	1.45	26.10		
	At ch:-175 m	cum	2	21.00	0.90	1.65	62.37		
	At ch:-210 m	cum	1	15.00	0.90	1.35	18.23		
	At ch:-230 m	cum	2	16.00	0.60	1.50	28.80		
	At ch:-590 m	cum	2	15.00	0.60	1.50	27.00		
	At ch:-600 m	cum	2	25.00	0.60	1.50	45.00		
	At ch:-650 m	cum	1	28.00	0.60	1.25	21.00		
	Total No of E C Bags(3.4cum=100Bags) =		289.25		/	0.034	8507.00		
		Each	Say No of Bage :-				8507.00	38.03	323521.210
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.								
	At ch:-50 m	cum	2	27.00	(2.5+2.5)/2	(0.35+0.4+0.35)/3	49.50		
	At ch:-60 m	cum	2	10.00	(2.5+2.5)/2	(0.35+0.45+0.35)/3	19.17		
	At ch:-175 m	cum	1	21.00	(6+7.5)/2	(0.35+0.4+0.35)/3	51.98		
	At ch:-210 m	cum	1	15.00	(2.5+2.5)/2	(0.35+0.45+0.35)/3	14.38		
	At ch:-230 m	cum	2	16.00	(2.5+2.5)/2	(0.35+0.45+0.35)/3	30.67		
	At ch:-590 m	cum	2	15.00	(2.5+2.5)/2	(0.35+0.5+0.35)/3	30.00		
	At ch:-600 m	cum	2	25.00	(2.5+2.5)/2	(0.35+0.45+0.35)/3	47.92		
	At ch:-650 m	cum	1	28.00	(2.5+2.5)/2	(0.35+0.45+0.35)/3	26.83		

[illegible]

S.E
Kishanganj

Calculation of Seigniorage Fees

NAME OF ROAD :-		Techni Bhebhra PMGSY Amgachhi to Kali sthna Ambari			
DISTRICT :-		Araria			
BLOCK :-		Jokihat			
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	1911.86	CUM	141.85	271197.70
2	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
3	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	289.24	CUM	141.85	41028.41
4	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	360.73	CUM	1050.00	378770.00
5	Granular Sub-base with Well Graded Material (Table 400.1)				
		0.00	CUM	384.12	0.00
		A) SUB TOTAL =			690996.11
	Seigniorage Fees @10% of Basic Amount =				69100


J.E


A.E

E.E

Bill of Quantity**Phase-1 & Phase-2**

NAME OF ROAD :- Techni Bhebhra PMGSY Amgachhi to Kali sthna Ambari

DISTRICT :- Araria

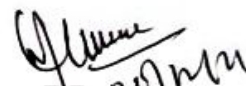
BLOCK :- Jokihat

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-charge	1911.86	514.43	983519.43
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.	3161.67	55.40	175156.33
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.	937.00	30.87	28925.19
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	1249.46	0.00
5	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	8507.00	38.03	323521.21
6	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	360.73	2168.72	782329.59

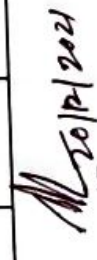
7	Supplaying and carriage of hume pipe 1000 mm dia , all complete job.	0.00	4425.07	0.00
8	Granular Sub-base with Well Graded Material (Table 400.1)	0.00	2,564.86	0.00
		A) SUB TOTAL =		2293451.75
		TOTAL COST =		2293452


J.E


20.12.2021
A.E


E.E 20/12/21

RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL													
DISTRICT :-				Araria				Block		:-		Jokihat	
Name of Road				Techni Bhebhra PMGSY Amgachhi to Kali sthna Ambari									
Carriage By Tractor				Capacity		Haulage		Lead		Total		Loading + Unloading	
Sr. No.	Description of Items	Source	Unit	Capacity	Haulage	Lead	Total	Capacity	Haulage	Lead	Total	Loading + Unloading	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


 J.E.
 RWD (W) DIVISION
 Araria


 Assistant Engineer
 RWD (W) DIVISION
 Araria

Executive Engineer
 RWD (W) DIVISION
 Araria