

RURAL WORKS DEPARTMENT

GOVT OF BIHAR



NAME OF WORKS :-

Singar mohani se Parmanpur Path

BLOCK :-

Jokihat

FDR

Rs. 4987932.76

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 (मो0प्र0रो0)
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 कार्रवाई 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 :- Singar Mohani Se Parmanpur path

कार्य का नाम :- Temporary Restoration.

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

संलग्न प्राक्कलन 14.07.2021 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त Singar Mohani Se Parmanpur path में बाढ़ क्षतिग्रस्त मरम्मति मद से यातायात चालू करने हेतु तैयार किया गया है

जिसकी प्राक्कलित लागत 49,879 मात्र है।

उक्त पथ का निर्माण MR 9054 में लवित है योनान्तर्गत हुआ है एवं योजना अनुसंधान अवधि में MR 9054 में लवित है 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,

20.12.21

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

20/12/21

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, अररिया

Inspection Report for Flood Damage Work

1. Name of PIUs

: EE. R.W.D. work's Div. A. 4000g

2. Name Of Block / Road

: Jokitat / Singar mohani se farmanpur Path

A. For Road

1. Damage Location / Chainage

: Ch. 2000m, 2200m, 3000m

2. Damage Length

: 233.70m.

3. Nature Of Damage

:

4. Details Of Restoration

: crust Damaged

i) Material Being Used In Restoration

: Local Sand, Bamboo, EC. Bag. Brick Bats

ii) Equipment / Tools Being Used In Restoration Works

: Trolly with tractor

iii) Procedure Taken Up In Restoration Works

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

iv) Restored Length

: 233.70m.

B. For Bridge

1. Damage Location / Chainage

:

2. Damage Length

:

3. Nature Of Damage

:

4. Details Of Restoration

:

i) Material Being Used In Restoration

: NA

ii) Equipment / Tools Being Used in Restoration Works

:

iii) Procedure Taken Up In Restoration Works

:

iv) Restored Length

:

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 :-	Singar mohani se Parmanpur Path	
DISTRICT :-	Araria	
BLOCK :-	Jokihat	
Length of Road:-	2.548km 4.10 KM	
Length of Cutting:-	233.70Mtr	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
Phase-1 & Phase-2		
1	Filling of local sand	2495598.53
2	Labour for cutting 62mm to 75mm dia bamboo	219799.50
3	Labour for fitting 62mm to 75mm dia bamboo	37229.22
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	1178891.97
6	Supply and Carriage of brick bats	391670.83
7	Supply, laying and carriage of 1000 mm HPC	0.00
8	Granular Sub-base	0.00
	SUB TOTAL COST =	4323190.05
	ADD GST @12% =	518782.81
	Add Labour cess @ 1% =	43231.90
	Seigniorage Fees @10% =	102728.00
	TOTAL (RS.) =	4987933

[Signature]
20/12/21

[Signature]
20.12.2021
A.E

[Signature]
20/12/21
E.E

Ref. E.E. Letter No. 1457 Dt. 28.04.22

Technically Sanctioned For Rs. 49,87,933=

(Rupees. Forty nine Lacs Eighty seven

thousand nine hundred thirty three

[Signature]
29/4/22

[Signature]
28/4/22

Superintending Engineer
Rural Works Department
Work Circle Kishanganj

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

Phaes-1

NAME OF ROAD :-		Singar mohani se Parmanpur Path									
DISTRICT :-		Araria									
BLOCK :-		Jokihat									
Length of Cutting:-		233.70 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-2000 M	cum	1	58.00	$(7.5+10.5)/2$	$(2.85+3.5+2.85)/3$	1600.80				
	At Ch-2200 M	cum	1	60.00	$(5.5+8.5)/2$	$(2.5+2.5+1.85)/3$	959.00				
	At Ch-3000 M	cum	1	41.00	$(6.5+9.5)/2$	$(2.75+3.65+1.85)/3$	902.00				
	total qty :-						3461.80	514.43	1780853.77		

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-2000 M		1	290.00	4.50		1305.00		
	At Ch-2200 M		1	300.00	4.50		1350.00		
	At Ch-3000 M		1	205.00	4.50		922.50		
	At Ch-3050 M		1	26.67	4.50		120.00		
	At Ch-3080 M		1	33.33	4.50		150.00		
	At Ch-3110 M		1	26.67	4.50		120.00		
	Mtr.		total qty:-			3967.50	55.40	219,799.50	
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-2000 M		1	8.00	58.00		464.00		
	At Ch-2200 M		1	6.00	60.00		360.00		
	At Ch-3000 M		1	6.00	41.00		246.00		
	At Ch-3050 M		1	8.00	8.00		64.00		
	At Ch-3080 M		1	4.00	10.00		40.00		
	At Ch-3110 M		1	4.00	8.00		32.00		
	Mtr.		total qty :-			1206.00	30.87	37229.22	
4	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.								
	At Ch-2000 M	cum	1	58.00	(1.5+1.75)/2	(2.85+3.65+2.85)/3	293.75		
	At Ch-2200 M	cum	1	60.00	(1.5+1.75)/2	(2.5+3.65+2.85)/3	292.50		
	At Ch-3000 M	cum	1	41.00	(1.5+1.75)/2	(2.85+3.65+2.75)/3	205.43		

S.E
Kishangari

Calculation of Seigniorage Fees

NAME OF ROAD :-		Singar mohani se Parmanpur Path			
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	4851.19	CUM	141.85	688141.54
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.	1053.97	CUM	141.85	149505.08
4	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	180.60	CUM	1050.00	189630.00
5	Granular Sub-base with Well Graded Material (Table 400.1)				
		0.00	CUM	384.12	0.00
		A) SUB TOTAL =			1027276.62
	Seigniorage Fees @10% of Basic Amount =				102728

J.E

A.E

E.E

Bill of Quantity				
Phase-1 & Phase-2				
NAME OF ROAD :-		Singar mohani se Parmanpur Path		
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	4851.19	514.43	2495598.53
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.	3967.50	55.40	219799.50
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.	1206.00	30.87	37229.22
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.	30999.00	38.03	1178891.97
6	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	180.60	2168.72	391670.83

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 =		4323190.05
		TOTAL COST =		4323190

J.E 20/12/21

A.E 20.12.2021

E.E

RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL													
DISTRICT :-				Araria				Name of Road				Singar mohani se Parmanpur Path	
Block				:-				Jokihat					
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

J E
RWD (W) DIVISION
Araria

20.12.2021
Assistant Engineer
RWD (W) DIVISION
Araria

Executive Engineer
RWD (W) DIVISION
Araria