

RURAL WORKS DEPARTMENT

GOVT OF BIHAR



NAME OF WORKS :-

PMGSY Road Jamuwa Mandal chowk to Mandal tola

DISTRICT:-

Araria

BLOCK :-

Araria

FDR

Rs. 1397090.02

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 (गा0प्र0रो0)
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

Inspection Report for Flood Damage Work

1. Name of PIUs

: EE RWD Works Division, Araria.

2. Name Of Block / Road

: PMGSY Road Jarnawa Mandal chowk to
Mandal Tola.
Block - Araria.

A. For Road

1. Damage Location / Chainage

: Ch. 50 m, ch. 210 m, ch. 425 m, ch. 1415, ch. 1480 m.

2. Damage Length

: 150.00 mtr.

3. Nature Of Damage

: Flood.

4. Details Of Restoration

:

i) Material Being Used In Restoration

: Bamboo, EZ bags, Brick bats

ii) Equipment / Tools Being Used In Restoration Works

: JCB, Tractor

iii) Procedure Taken Up In Restoration Works

: Manual

iv) Restored Length

: 150.00 mtr.

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

:

Work found Satisfactory

Signature of JE / AE / EE

Signature

Executive Engineer
(Name of Inspector)
Kishanganj-2

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :-	PMGSY Road Jamuwa Mandal chowk to Mandal tola	
DISTRICT :-	Araria	
BLOCK :-	Araria	
Length of Road:-	2.30 km	
Length of Cutting:-	150.00Mtr	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
Phase-1		
1	Filling of local sand	0.00
2	Labour for cutting 62mm to 75mm dia bamboo	116498.29
3	Labour for fitting 62mm to 75mm dia bamboo	16947.63
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	389465.23
6	Supply and Carriage of brick bats	679947.94
7	Supply, laying and carriage of 1000 mm HPC	0.00
8	Granular Sub-base	0.00
	SUB TOTAL COST =	1202859.08
	ADD GST @12% =	144343.09
	Add Labour cess @ 1% =	12028.59
	Seigniorage Fees @10% =	37859.26
	TOTAL (RS.) =	1397090

27/12/21
J.E

28/12/21
A.E

28/12/21
E.B

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

Technically Sanctioned For Rs. S.E 13,97,090.00

(Rupees) Thirteen Lacs ninety seven thousand

28/4/22

hinty

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 :-		PMGSY Road Jamuwa Mandal chowk to Mandal tola							
DISTRICT :-		Araria							
BLOCK :-		Araria							
Length of Cutting:-		150.00 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-charge								
	At ch:-50 m	cum	0	62.00	3.00	1.67	0.00		
	At ch:-210 m	cum	0	35.00	3.00	1.38	0.00		
	At ch:-425 m	cum	0	8.00	4.13	1.60	0.00		
	At ch:-1415 m	cum	0	15.00	3.00	1.37	0.00		
	At ch:-1480 m	cum	0	30.00	4.00	1.23	0.00		
		cum	0	0.00	3.95	1.42	0.00		
		cum	0	0.00	3.00	1.05	0.00		
	Deduction for H.P 1000MM dia (1.23 x 1.23)=1.52	cum	0	0.79	1.52	5.00	0.00		
	total qty :-						0.000	514.43	0.00

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		1	177.14	4.50		797.14		
	At ch:-210 m		1	77.78	4.50		350.00		
	At ch:-425 m		2	22.86	4.50		205.71		
	At ch:-1415 m		1	33.33	4.50		150.00		
	At ch:-1480 m		2	66.67	4.50		600.00		
			0	28.00	4.50		0.00		
			0	12.00	4.50		0.00		
	Mtr.					total qty:-	2102.86	55.40	116,498.29
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		1	3.00	62.00		186.00		
	At ch:-210 m		1	3.00	35.00		105.00		
	At ch:-425 m		2	3.00	8.00		48.00		
	At ch:-1415 m		1	2.00	15.00		30.00		
	At ch:-1480 m		2	3.00	30.00		180.00		
			0	28.00	4.50		0.00		
			0	12.00	4.50		0.00		
	Mtr.					total qty :-	549.00	30.87	16947.63
5	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	1	62.00	0.90	(1.85+2.25+2.7)/3	126.48		
	At ch:-210 m	cum	1	35.00	0.90	(1.85+1.95+2.7)/3	68.25		

Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
	At ch:-425 m	cum	2	8.00	0.90	$(2.5+1.85+1.75)/3$	29.28		
	At ch:-1415 m	cum	1	15.00	0.90	$(1.65+1.25+1.5)/3$	19.80		
	At ch:-1480 m	cum	2	30.00	0.90	$(1.85+1.25+2.7)/3$	104.40		
	Total No of E C Bags(3.4cum=100Bags) =			348.21	/	0.034	10241.00		
		Each		Say No of Bage :-				38.03	389465.230
2	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	1	62.00	$(2.5+3.5)/2$	$(0.55+0.5+0.85)/3$	117.80		
	At ch:-210 m	cum	1	35.00	$(2.5+3.5)/2$	$(0.95+0.5+0.85)/3$	80.50		
	At ch:-425 m	cum	1	8.00	$(3.75+4.5)/2$	$(0.85+0.75+0.95)/3$	28.05		
	At ch:-1415 m	cum	1	15.00	$(2.5+3.5)/2$	$(0.85+0.5+0.95)/3$	34.50		
	At ch:-1480 m	cum	1	30.00	$(1.8+2.5)/2$	$(0.95+0.65+0.85)/3$	52.68		

[illegible]

S.E
Kishanganj

Bill of Quantity

Phase-1

NAME OF ROAD :-

PMGSY Road Jamuwa Mandal chowk to Mandal tola

DISTRICT :-

Araria

BLOCK :-

Araria

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	0.00	514.43	0.00
2	Construction of embankment with approved materials obtained from excavation for road way in soil using manual means for carrying of cut earth to embankment site 1.5 mt and lead upto 50 m, graded and compacted to meet requirement of table 300.1, 300.2 with lift up to	0.00	174.93	0.00
3	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.	2102.86	55.40	116498.29
4	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.	549.00	30.87	16947.63
5	Labour for fitting empty cement bags with local 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

6	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	10241.00	38.03	389465.23
7	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	313.53	2168.72	679947.94
		A) SUB TOTAL =		1202859.08
		TOTAL COST =		1202859

[Signature]
J.E 27/12/24

[Signature]
A.E 27/12/24

[Signature]
E.E 27/12/24