

GOVERNMENT OF BIHAR
RURAL WORKS DEPARTMENT



Name of work : Bhangora More to Noniya Tola

District : Araria

Block : Palasi

FDR (2021-22)

Restoration Cost of Road	: Rs. 18.210 Lacs
1% L.Cess of Rest. Cost	: Rs. 0.182 Lacs
12% GST of Rest. Cost	: Rs. 2.185 Lacs
Seigniorage fee	: Rs. 0.465 Lacs
Total Restoration Cost including Labour Cess & GST	: Rs. 21.042 Lacs

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।

विशय: सभाजन

(पंकज कुमार पाल)

सचिव

ज्ञापक- 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

ज्ञापक- 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

: E.E R.W.P (W) division, Araria

2. Name Of Block / Road

: Palasi/Bharyosa more li wong, Tola

A. For Road

1. Damage Location / Chainage

: 350 M, 525 M, 700 M

2. Damage Length

: 128.50 M

3. Nature Of Damage

: Flank & crust

4. Details Of Restoration

:

i) Material Being Used In Restoration

: Local sand, psikh lat. E.C bag, bamboo

ii) Equipment / Tools Being Used In Restoration Works

: Tractor with trolley

iii) Procedure Taken Up In Restoration Works

: Manual

iv) Restored Length

: 128.50 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 Works

:

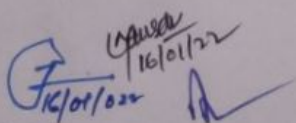
iii) Procedure Taken Up In Restoration Works

:

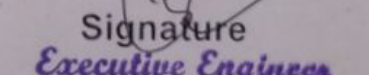
iv) Restored Length

:

'S' (satisfactory)


16/01/22

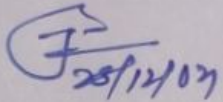
Signature of JE / AE / EE

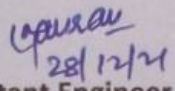

Signature
Executive Engineer
(Name Of Inspector)
Kishanganj-2

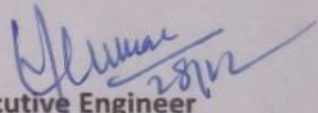
FDR (2021-22)
GENERAL ABSTRACT OF COST

Name of Road : Bhangora More to Noniya Tola
District : Araria
Block : Palasi
Cutting Chainage (M) :

Sl. No.	Item of work	Amount (In Rs.)
1	Filling of Local Sand	7,20,223.00
2	Labour for cutting 62mm to 75mm dia Bamboo	1,19,110.00
3	Labour for fitting & fixing 62mm to 75mm dia Bamboo runner	17,596.00
4	Supply of EC bag of Local Sand	2,60,897.00
5	Supply & Carriage of Brick Bats	7,03,153.00
6	Supply, laying and carriage of 1000mm dia HPC	-
a	Sub Total Cost of Work :	18,20,979.00
b	1% L.cess of Total Cost :	18,210.00
	12% GST of Total Cost :	2,18,517.00
	Seigniorage Fee	46,544.00
d.	Total Cost of Work including GST & Cess :	21,04,250.00


Junior Engineer RWD
Works Sec. Palasi
(Araria)


Assistant Engineer
RWD Works Section
Palasi (Araria)

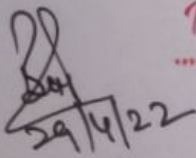

Executive Engineer
RWD Works Div.
Araria

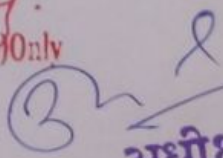
Ref. E.E. Letter No. 1457 D. 28.04.2022

Technically Sanctioned For Rs. 2104250.00
Suptending Engineer
RWD Circle, Kishanganj

(Rupees) Twenty one lakh four thousand

Two hundred and fifty only.


29/4/22
AG


अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

BILL OF QUANTITY

Name of Road:

Bhangora More to Noniya Tola

Block:

Palasi

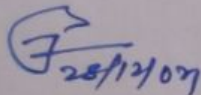
District:

Araria

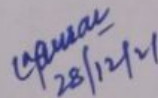
Division:

R.W.D ,Araria

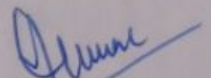
SI No.	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.	Cum	1400.04	514.43	720223.00
2	Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.	Mtr.	2150.00	55.40	119110.00
3	Labour for fitting & fixing 62mm to 75mm 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.	Mtr.	570.00	30.87	17596.00
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.	Each	6860	38.03	260897.00
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	Cum	324.23	2168.72	703153.00
6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.	meter	0.00	4425.07	0.00
TOTAL AMOUNT =					1820979.00


28/12/07

Junior Engineer
RWD Works Sec.
Palasi


28/12/07

Assistant Engineer
RWD Works Sub Div.
Palasi



Executive Engineer
RWD Works Division
Araria

Detailed Estimate

ESTIMATE FOR REPAIRING/ RESTORATION / MAKING MOTORABLE ROADS DAMAGED DURING FLOOD									
Name of Road:			Bhangora More to Noniya Tola						
Block:			Palasi						
District:			Araria						
SI No.	Items of Works	Nos.	L (m)	B (m)	D (m) IN (Av.)			Quantity (m ³)	
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.	Ch-350	1	8.50	(6.0+7.50)/2	(2.50+4.50+3.0)/3			191.25
			1	45.00	(5.0+6.50)/2	(2.50+1.80+2.0)/3			543.38
		Ch-525	2	50.00	(1.50+2.50)/2	(1.20+1.80+1.50)/3			450.00
		Ch-750	2	25.00	(2.0+3.50)/2	(1.50+2.0+1.20)/3			215.42
						Total Qty =			1400.04
2	Labour for cutting 62mm 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.	Ch-350	2	20.0/0.30		2.0			400.00
		Ch-525	2	50.0/0.20		2.0			1000.00
		Ch-750	2	25/0.20		3.0			750.00
						Total Qty =			2150.00

Junior Engineer
RWD Works Section
Palasi (Araria)

Assistant Engineer
RWD Works (S) Div Palasi(Araria)

Executive Engineer
RWD Works Division
Araria

Sl No.	Items of Works	Nos.	L (m)	B (m)	D (m) IN (Av.)	Quantity (m ³)
3	Labour for fitting & fixing 62mm to 75mm 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.					
	Ch-350	2	20.00	3.00		120.00
	Ch-525	2	50.00	3.00		300.00
	Ch-750	2	25.00	3.00		150.00
					Total Qty =	570.00
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
	Ch-350	2	20.00	(0.90+1.20)/2	(1.20+1.80+1.50)/3	63.00
	Ch-525	2	50.00	(0.900+1.20)/2	(0.90+1.20+1.0)/3	108.50
	Ch-750	2	25.00	(0.90+1.0)/2	(1.2+1.5+1.2)/3	61.75
					TOTAL=	233.25
					Total No. of EC Bags = 233.25X0.034)	6860.29
					SAY NO OF Bags.=	6860
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
	Ch-350	1	8.50	(5.0+6.0)/2	(0.30+0.60)/2	21.04
		1	45.00	(4.50+5.0)/2	(0.600+0.900)/2	160.31
	Ch-525	2	50.00	1.50	(0.60+0.90)/2	112.50
	Ch-750	2	25.00	(1.50+1.20)/2	(0.300+0.600)/2	30.38
					Total Qty. =	324.23
6	Supply,laying and Carriage of of hume pipe 1000 mm dia (HPC). all complete job.					
		0	2.50			0.00
					Total Qty. =	0.00

F 28/11/2023

Junior Engineer
RWD Works Section
Palasi (Araria)

28/11/23
Assistant Engineer

RWD Works (S) Div Palasi(Araria)

28/11/23
Executive Engineer
RWD Works Division
Araria

Name of Road :-			Bhangora More to Noniya Tola			Block :-		Palasi		Total Amount	Add 10 % Seigniorage Fee
Sl. No.	SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs	Total Qty. required (Cum)			
1			EARTHWORK								
			Construction of Embankment with Material Obtained from Borrow Pits								
		(A)	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5								
			Unit = cum								
			Taking output = 100 cum								
		a)	Material								
			Compensation for earth taken from private land	cum	100.00	34.78	3,478.00				
			Cost for 100 cum = a				3,478.00				
			Rate per cum = (a)/100=	cum			34.78				0.00
						Total Cost	34.78	0.00		0.00	
2			Construction of Subgrade and Earthen Shoulders								
			Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1.								
			Unit = cum								
			Taking output = 100 cum								
		a)	Material								
			Compensation for earth taken from private land	cum	100.00	34.78	3,478.00				
			Cost for 100 cum = a				3,478.00				
			Rate per cum = (a)/100	cum			34.78				0.00
						Total Cost	34.78	0.00		0.00	

Name of Road :-		Bhangora More to Noniya Tola				Block :-		Palasi		Add 10 % Seigniorage Fee
Sl. No.	SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs	Total material Qty. required (Cum)	Total Amount	
3			Brick Bats Providing, Laying & Spreading Brick bats in Road Ditches all complete job							
			Unit = cum							
		(a)	Material	Cum	1.20	1,050.00	1,260.00			
			Bricks Bats				1,260.00			
						Total Cost	1,260.00	324.23	408,523.50	40,852.35
4			Local sand filling							
			Local sand Filling in foundation trenches as per drawing and technical specification							
			Unit = cum							
			Taking output = cum							
		a)	Material							
			Sand (assuming 20 per cent voids)	cum	1.20	141.85	170.22			
			Cost for 10 cum = A				170.22			
			Rate per cum = (A)/100=	cum			17.02			
						Total Cost	17.02	1,400.04	23,831.51	2,383.15
5	15.2	1900	Supply of EC Bags Filled with L.sand							
			Providing, fitting and posting (as red) empty cement bags with local sand, stitching the bags and placing do all complete job as per specification & direction.							
			Unit = Nos							
			Taking output = 100 nos							
		a)	Material							
			Sand Sand (100x1.2/35.315)	cum	3.40	141.85	482.29			
			Cost for 100 nos = A				482.29			
			Rate per nos = (A)/100=	cum			4.82			
						Total Cost	4.82	6,860.29	33,086.51	3,308.65
								Total Seigniorage Fee	46,544.00	

For 28/12/24
J.E

28/12/24
J.E

28/12/24
J.E