

GOVERNMENT OF BIHAR
RURAL WORKS DEPARTMENT



Name of work : T02-NH-327E Rani Chowk to PWD Road Palasi HQ Via
Dumaria

District : Araria

Block : Palasi

FDR (2021-22)

Restoration Cost of Road	: Rs. 12.940 Lacs
1% L.Cess of Rest. Cost	: Rs. 0.129 Lacs
12% GST of Rest. Cost	: Rs. 1.553 Lacs
Seigniorage fee	: Rs. 0.597 Lacs
Total Restoration Cost including Labour Cess & GST	: Rs. 15.219 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 (भा0प्र0सो0)
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 Asasia.
2. Name Of Block / Road : To 2. NH 327 E Rani chuk to PWD Road
Palasi HQ via Sumasia.
- A. For Road
1. Damage Location / Chainage : 1100, 1500
2. Damage Length : 145 M
3. Nature Of Damage : Flood.
4. Details Of Restoration :
- i) Material Being Used In Restoration : sand, Brick Bat, Bamboo.
- ii) Equipment / Tools Being Used In Restoration Works : J.C.B. Tractor
- iii) Procedure Taken Up In Restoration Works : Manually
- iv) Restored Length : 145 M.

B. For Bridge

1. Damage Location / Chainage : }
2. Damage Length : } NA
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)

Signature of JE / AE / EE

Signature
Executive Engineer
(Name Of Inspector)
Kishanganj-2

FDR (2021-22)
GENERAL ABSTRACT OF COST

Name of Road : T02-NH-327E Rani Chowk to PWD Road Palasi HQ Via Dumaria
District : Araria
Block : Palasi
Cutting Chainage (M) :

Sl. No.	Item of work	Amount (In Rs.)
1	Filling of Local Sand	2,05,129.00
2	Labour for cutting 62mm to 75mm dia Bamboo	20,332.00
3	Labour for fitting & fixing 62mm to 75mm dia Bamboo runner	5,094.00
4	Supply of EC bag of Local Sand	61,519.00
5	Supply & Carriage of Brick Bats	10,01,949.00
6	Supply, laying and carriage of 1000mm dia HPC	-
a	Sub Total Cost of Work :	12,94,023.00
b	1% L.cess of Total Cost :	12,940.00
	12% GST of Total Cost :	1,55,283.00
	Seigniorage Fee	59,671.00
d.	Total Cost of Work including GST & Cess :	15,21,917.00

[Signature]
28/12/21
Junior Engineer RWD
Works Sec. Palasi
(Araria)

[Signature]
28/12/21
Assistant Engineer
RWD Works Section
Palasi (Araria)

[Signature]
28/12/21
Executive Engineer
RWD Works Div.
Araria

Ref. E.E. Letter No. 1457 Dt. 28/04/22

Technically Sanctioned by Superintending Engineer 15,21,917/-
RWD Circle, Kishanganj

(Rupees) Fifteen Lakhs Twenty one thousand

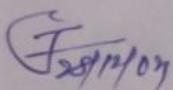
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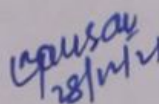
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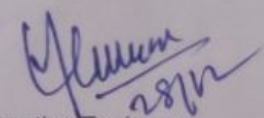
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28/12/21
अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

BILL OF QUANTITY

Name of Road:		T02-NH-327E Rani Chowk to PWD Road			
Block:		Palasi HQ Via Dumaria			
District:		Palasi			
Division:		Araria			
		R.W.D ,Araria			
Sl 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	398.75	514.43	205129.00
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.	367.00	55.40	20332.00
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.	165.00	30.87	5094.00
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.	Each	1618	38.03	61519.00
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	Cum	462.00	2168.72	1001949.00
6	Construction of Granular Sub-base by providing well graded material, spreading in uniform layes, all complete job For Grading-II Material	Cum	0.00	2564.86	0.00
7	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.	meter	0.00	4425.07	0.00
TOTAL AMOUNT =					1294023.00


Junior Engineer
RWD Works Sec.
Palasi


Assistant Engineer
RWD Works Sub Div.
Palasi


Executive Engineer
RWD Works Division
Araria

ESTIMATE FOR REPAIRING/ RESTORATION / MAKING MOTORABLE ROADS DAMAGED DURING FLOOD						
Detailed Estimate						
Name of Road:						
T02-NH-327E Rani Chowk to PWD Road Palasi HQ Via Dumarla						
Block:						
Palasi						
District:						
Araria						
Sl 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 15000	1	55.00	(3.0+4.5)/2	(1.80+2.50+1.50)/3	398.75
					Total Qty =	398.75
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 15000	1	55/0.30		2.00	367.00
					Total Qty =	367.00
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.					
	Ch 15000	1	55.00		3.00	165.00
					Total Qty =	165.00

28/12/07

Junior Engineer
RWD Works Section
Palasi (Araria)

28/12/07

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

Executive Engineer
RWD Works Division
Araria

	REMARKS	Nos.	L (m)	B (m)	D (m) IN (Av.)	Quantity (m3)
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
	Ch 15000	1	55.00	(0.60+0.90)/2	(1.0+1.80+1.20)/3	55.00
					TOTAL=	55.00
					Total No. of EC Bags = 55.0X0.034)	1617.65
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				SAY NO OF Bags.=	1618
	Ch 1100	1	90.00	(5.0+6.0)/2	(0.60+0.9)/2	371.25
	Ch 15000	1	55.00	(2.50+3.0)/2	(0.400+0.750)/2	90.75
					Total Qty. =	462.00
6	Construction of Granular Sub-base by providing well graded material, spreading in uniform layes, all complete job For Grading-II Material					
					Total Qty. =	0.00
7	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.					
		0	2.50			0.00
					Total Qty. =	0.00

29/12/21

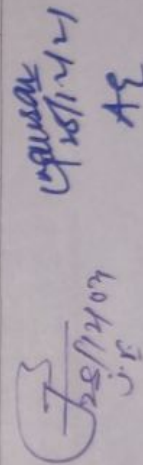
Junior Engineer
RWD Works Section
Palasi (Araria)

28/12/21

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

Executive Engineer
RWD Works Division
Araria

Name of Road :-			T02-NH-327E Rani Chowk to PWD Road Palasi HQ Via Dumaria			Block :-		Palasi		Total Amount	Add 10 % Seigniorage Fee
SL No.	SDB SL No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs	Total material Qty. required (Cum)			
3			Brick Bats Providing, Laying & Spreading Brick bats in Road Ditches all complete job								
			Unit = cum								
		(a)	Material								
			Bricks Bats	Cum	1.20	1,050.00	1,260.00				
							1,260.00				
						Total Cost	1,260.00	462.00	5,82,120.00	58,212.00	
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	398.75	6,787.52	678.75	
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	1,617.65	7,801.75	780.18	
								Total Seigniorage Fee	59,671.00		



 25/11/21