

RURAL WORKS DEPARTMENT

GOVT OF BIHAR



NAME OF WORKS :-

Araria HQ Pachkauri Chowk To Palasi PWD Road via
Rampur, Madanpur

BLOCK :-

Araria

FDR

Rs. 3880277.03

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 (भा0प्र0रो0)
सचिव

सेवा में,

सभी कार्यपालक अभियंता
ग्रामीण कार्य विभाग,

विषय- बाढ़ अतिवृष्टि से क्षतिग्रस्त पथों/पुलियों को यातयात 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 RW D (W) Division, Arraria

2. Name Of Block / Road

: Arraria / Arraria HP Pachkauri chowk
to Palasi PWD Road via Rampur,
Madampur

A. For Road

1. Damage Location / Chainage

: at Ch - 800, 950, 1830, 2350, 2380,
6980, 10500M, 10700 and 10650M

2. Damage Length

: 287.50Mtr

3. Nature Of Damage

: Flood

4. Details Of Restoration

:

i) Material Being Used In Restoration

: Local sand, bamboo, EC Bag and Brick
Bats, HP culvert

ii) Equipment / Tools Being Used In Restoration Works

: Tractors & JCB

iii) Procedure Taken Up In Restoration Works

: Manual

iv) Restored Length

: 287.50Mtr

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

6/10/22

Signature of JE / AE / EE

Signature

Executive Engineer
(Name Of Inspector)
Kishanganj-2

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :-	Araria HQ Pachkauri Chowk To Palasi PWD Road via Rampur, Madanpur	
DISTRICT :-	Araria	
BLOCK :-	Araria	
Length of Road:-	25.0km	
Length of Cutting:-	287.50Mtr	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Filling of local sand	1359067.26
2	Labour for cutting 62mm to 75mm dia bamboo	156117.20
3	Labour for fitting 62mm to 75mm dia bamboo	42091.25
4	Labour for filling empty cement bags with local sand Nylon crate	0.00
5	Supplying of EC bag, of local sand	373834.90
6	Supply and Carriage of brick bats	1405196.82
7	Supply, laying and carriage of 1000 mm HPC	0.00
8	Granular Sub-base	0.00
	SUB TOTAL COST =	3336307.43
	ADD GST @12% =	400356.89
	Add Labour cess @ 1% =	33363.07
	Seigniorage Fees @10% =	110249.64
	TOTAL (RS.) =	3880277

J.E

A.E

E.E

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

S.E

Technically Sanctioned For Rs. 38,80,1277=00

(Rupees) Thirty Eight Lacs Eighty thousand

Two hundred Seventy Seven

29/4/22

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, किशनगंज

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

NAME OF ROAD :-		Araria HQ Pachkauri Chowk To Palasi PWD Road via Rampur, Madanpur							
DISTRICT :-		Araria							
BLOCK :-		Araria							
Length of Cutting:-		287.50 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:-800 m	cum	2	80.00	(1.5+2.05)/2	(1.5+2.5+1.35)/3	506.47		
	At ch:-950 m	cum	2	42.00	(1.5+2.5)/2	(1.25+1.45+1.35)/3	226.80		
	At ch:-1830 m	cum	1	8.50	(1.75+2.5)/2	(1.05+1.5+1.15)/3	22.28		
	At ch:-2950 m	cum	1	21.00	(2+2.85)/2	(1.15+1.5+0.85)/3	59.41		
	At ch:-2980 m	cum	1	10.00	(2+2.5)/2	(1.25+1.35+0.75)/3	25.13		
	At ch:-6980 m	cum	2	10.00	(5+6.5)/2	(1.15+2.25+0.85)/3	162.92		
	At ch:-10500m	cum	2	45.00	(6+7.5)/2	(1.65+1.85+1.95)/3	1103.63		
	At ch:-10700m	cum	1	56.00	(4+5.5)/2	(1.85+2.85+0.65)/3	474.37		
	At ch:-10650m	cum	1	15.00	(1.85+2.5)/2	(2.5+1.25+1.85)/3	60.90		

2641.91

Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
		cum			total qty :-		2641.89	514.43	1359067.26
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:-800 m		2	177.78	3.00		1067.00		
	At ch:-950 m		2	140.00	3.00		840.00		
	At ch:-1830 m		1	24.29	2.50		61.00		
	At ch:-2980 m		1	33.33	2.50		83.00		
	At ch:-10700m		1	186.67	2.50		467.00		
	At ch:-10650m		1	50.00	2.50		125.00		
		Mtr.			total qty:-		2818.00	55.40	156,117.20
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:-800 m		2	4.00	80.00		640.00		
	At ch:-950 m		2	4.00	42.00		336.00		
	At ch:-1830 m		1	3.00	8.50		25.50		
	At ch:-2950 m		1	3.00	21.00		63.00		
	At ch:-2980 m		1	3.00	10.00		30.00		
	At ch:-10700m		1	4.00	56.00		224.00		
	At ch:-10650m		1	3.00	15.00		45.00		
		Mtr.			total qty :-		1363.50	30.87	42091.25

Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
4	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.								
	At ch:-800 m	cum	2	80.00	(0.9+0.6)/2	(1.25+1.5+1.15)/3	156.00		
	At ch:-950 m	cum	2	42.00	(0.9+0.6)/2	(1.15+1.35+1.25)/3	78.75		
	At ch:-1830 m	cum	1	8.50	(0.9+0.6)/2	(1.05+1.25+1.07)/3	7.16		
	At ch:-2950 m	cum	1	21.00	(0.9+0.6)/2	(1.5+1.25+1.25)/3	21.00		
	At ch:-2980 m	cum	1	10.00	(0.9+0.6)/2	(1.05+1.45+1.15)/3	9.13		
	At ch:-10700m	cum	1	56.00	(0.9+0.6)/2	(1.05+1.25+1.07)/3	47.18		
	At ch:-10650m	cum	1	15.00	(0.9+0.6)/2	(1.5+1.25+1.25)/3	15.00		
Total No of E C Bags(3.4cum=100Bags) =				334.22	/	0.034	9830.00		
		Each	Say No of Bage :-						
							9830.00	38.03	373834.900
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.								
	At ch:-800 m	cum	2	80.00	(1.5+2.05)/2	(0.25+0.5+0.35)/3	104.13		
	At ch:-950 m	cum	2	42.00	(1.5+2)/2	(0.2+0.35+0.35)/3	44.10		
	At ch:-1830 m	cum	1	8.50	(1.75+2.5)/2	(0.25+0.5+0.35)/3	6.62		
	At ch:-2950 m	cum	1	21.00	(2+2.85)/2	(0.2+0.5+0.35)/3	17.82		
	At ch:-2980 m	cum	1	10.00	(2+2.5)/2	(0.25+0.45+0.35)/3	7.88		

Bill of Quantity

NAME OF ROAD :-		Araria HQ Pachkauri Chowk To Palasi PWD Road via Rampur, Madanpur			
DISTRICT :-		Araria			
BLOCK :-		Araria			
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	2641.89	cum	141.85	374752.04
2	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	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.	334.22	cum	141.85	47409.11
4	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	647.94	cum	1050.00	680335.25
5	Granular Sub-base with Well Graded Material (Table 400.1)	0.00	cum	384.12	0.00
A) SUB TOTAL =					1102496.39
Seigniorage Fees @10% of Basic Amount =					110250

[Signature]
28/12/21

J.E

[Signature]
A.E 28/12/21

E.E

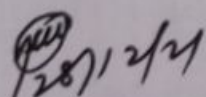
Bill of Quantity

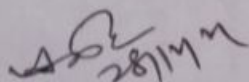
NAME OF ROAD :- Araria HQ Pachkauri Chowk To Palasi PWD Road via Rampur, Madanpur

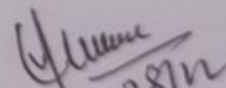
DISTRICT :- Araria

BLOCK :- Araria

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	2641.89	cum	514.43	1359067.26
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.	2818.00	m	55.40	156117.20
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.	1363.50	m	30.87	42091.25
4	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	9830.00	no	38.03	373834.90
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	647.94	cum	2168.72	1405196.82
		A) SUB TOTAL =			3336307.43
		TOTAL COST =			3336307


J.E


A.E


E.E

RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL														
				Name of Road				Araria HQ Pachkauri Chowk To Palasi PWD Road via Rampur, Madanpur						
DISTRICT :-				Araria		Block		:-		Araria				
Sr. No.	Description of Items	Source	Unit	Caopacity	Haulage	Lead	Total	Capacity	Haulage	Lead	Total	Loading + Unloading	Rail Carriage	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

[Signature]
J.E
RWD (W) DIVISION
Araria

[Signature]
Assistant Engineer
RWD (W) DIVISION
Araria

[Signature]
Executive Engineer
RWD (W) DIVISION
Araria