

GOVERNMENT OF BIHAR
RURAL WORKS DEPARTMENT



Name of work : Matia Tol (Maldwar PMGSY) to Dehti Tola Sima Ararbari

District : Araria

Block : Palasi

FDR (2021-22)

Restoration Cost of Road	: Rs. 17.824 Lacs
1% L.Cess of Rest. Cost	: Rs. 0.178 Lacs
12% GST of Rest. Cost	: Rs. 2.139 Lacs
Seigniorage fee	: Rs. 0.534 Lacs
Total Restoration Cost including Labour Cess & GST	: Rs. 20.675 Lacs

R.W.D, WORKS CIRCLE, KISHANGANJ

R.W.D, WORKS DIVISION, ARARIA

प्रतिवेदन

पथ का नाम :- *Maita to (Maldivas pmusy) to Sethi to Sima Arrarossi*

कार्य का नाम :-

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

संलग्न प्राक्कलन 14.07.2021 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त

..... में बाढ़ क्षतिग्रस्त मरम्मत मद से यातायात चालू करने हेतु तैयार किया गया है

जिसकी प्राक्कलित लागत 20.675 लाख है।

उक्त पथ का निर्माण PMUSY (WB) योनान्तर्गत हुआ है एवं योजना अनुरक्षण

अवधि में 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।

12/8/21

कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, पलामी।

12/8/21

सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल, पलामी।

12/8/21

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, अररिया।

Inspection Report for Flood Damage Work

1. Name of PIUs

: Executive Engineer, Road works Div - Araria

2. Name Of Block / Road

: Matia Tol (Maldwar Phusiy) to Jehiti tolasima
Ararbari Block - Palasari

A. For Road

1. Damage Location / Chainage

: ch-200m & ch 400m

2. Damage Length

: $(12m + 130m) = 142m$

3. Nature Of Damage

: Flood

4. Details Of Restoration

:

i) Material Being Used In Restoration

: L-sand, Brick Bats, Bamboo, Ec Bag

ii) Equipment / Tools Being Used In Restoration Works

: JCB & Tractor

iii) Procedure Taken Up In Restoration Works

: Manually

iv) Restored Length

: 142m

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

:

NA

'S' (Satisfactory)



Signature of JE / AE / EE



Signature

Executive Engineer
(Name Of Inspector)
Kishanganj-2

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।

विश्वासभाजन

(पंकज कुमार पाल)

सचिव

पटना, दिनांक 07/7/2021

ज्ञापांक- मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

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

पटना, दिनांक 07/7/2021

ज्ञापांक-मु0अ0-4 (मु0) विविध कार्य-23-60/2020 - 1937

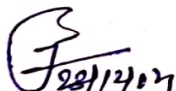
प्रतिलिपि:-सभी मुख्य अभियंता, ग्रामीण कार्य विभाग को सूचनार्थ एवं लगातार अनुश्रवण करने हेतु प्रेषित।

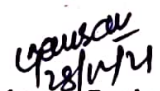
सचिव

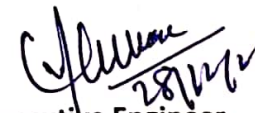
FDR (2021-22)
GENERAL ABSTRACT OF COST

Name of Road : Matia Tol (Maldwar PMGSY) to Dehti Tola Sima Ararbari
District : Araria
Block : Palasi
Cutting Chainage (M) :

Sl. No.	Item of work	Amount (In Rs.)
1	Filling of Local Sand	7,04,598.00
2	Labour for cutting 62mm to 75mm dia Bamboo	60,940.00
3	Labour for fitting & fixing 62mm to 75mm dia Bamboo runner	10,187.00
4	Supply of EC bag of Local Sand	1,62,536.00
5	Supply & Carriage of Brick Bats	8,44,174.00
6	Supply, laying and carriage of 1000mm dia HPC	-
a	Sub Total Cost of Work :	17,82,435.00
b	1% L.cess of Total Cost :	17,824.00
	12% GST of Total Cost :	2,13,892.00
	Seigniorage Fee	53,438.00
d.	Total Cost of Work including GST & Cess :	20,67,589.00


Junior Engineer RWD
Works Sec. Palasi
(Araria)


Assistant Engineer
RWD Works Section
Palasi (Araria)


Executive Engineer
RWD Works Div.
Araria

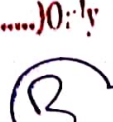
Ref. E.E. Letter No. 1457 Dt. 28.04.2022

Technically Sanctioned For Rs. 2067589.00
Superintending Engineer
RWD Circle, Kishanganj

(Rupees) Twenty Lakh Sixty Seven Thousand

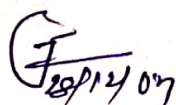
Five hundred Eighty Nine only


29/4/22
AC

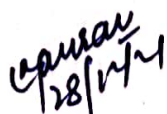

अधीक्षण अभियन्ता
ग्रामीण कार्य विभाग
अंचल, किशनगंज

BILL OF QUANTITY

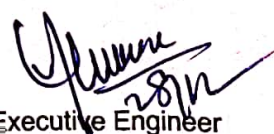
Name of Road:		Matia Tol (Maldwar PMGSY) to Dehti Tola			
Block:		Sima Ararbari			
District:		Palasi			
Division:		Araria			
		R.W.D ,Araria			
Sl No.	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.	Cum	1369.67	514.43	704598.00
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.	1100.00	55.40	60940.00
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.	330.00	30.87	10187.00
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.	Each	4274	38.03	162536.00
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	Cum	389.25	2168.72	844174.00
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 =					1782435.00


28/12/2017

Junior Engineer
RWD Works Sec.
Palasi


28/12/17

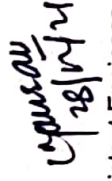
Assistant Engineer
RWD Works sec.
Palasi


28/12/17

Executive Engineer
RWD Works Division
Araria

ESTIMATE FOR REPAIRING/ RESTORATION / MAKING MOTORABLE ROADS DAMAGED DURING FLOOD						
Detailed Estimate						
Name of Road:		Matia Tol (Maldwar PMGSY) to Dehti Tola Silma Ararbari				
Block:		Palasi				
District:		Araria				
SI No.	Items of Works	Nos.	L (m)	B (m)	D (m) IN (Av.)	Quantity (m3)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.					
	Ch 400	1	40.00	(6.0+8.0)/2	(3.50+4.50+3.0)/2	1026.67
		1	80.00	(1.50+2.0)/2	(2.90+2.0)/2	343.00
					Total Qty =	1369.67
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 400	1	25/0.30		3.00	250.00
		1	85/0.20		2.00	850.00
					Total Qty =	1100.00


 22/12/2024
 Junior Engineer
 RWD Works Section
 Palasi (Araria)


 28/12/24
 Assistant Engineer
 RWD Works Section Palasi(Araria)


 Executive Engineer
 RWD Works Division Araria

SI No.	Items of Works	QUS.	L (m)		
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 400	1	25.00		75.00
		1	85.00		255.00
				Total Qty =	330.00
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
	Ch-400	1	25.00	$(0.80+1.20)/2$	33.75
		1	85.00	$(0.60+0.900)/2$	111.56
				TOTAL=	145.31
				Total No. of EC Bags =145.31X0.034)	4273.90
				SAY NO OF Bags.=	4274
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
	Ch-400	1	35.00	$(5.0+6.0)/2$	144.38
		1	70.00	$(4.0+5.0)/2$	189.00
		1	15.00	$(5.0+6.0)$	20.63
		1	11.00	4.50	14.85
	Ch-200	1	12.00	4.25	20.40
				Total Qty. =	389.25
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

28/12/2023

Junior Engineer
RWD Works Section
Palasi (Araria)

28/12/23

Assistant Engineer
RWD Works Section Palasi(Araria)

Executive Engineer
RWD Works Division Araria

Name of Road :-			Matia Tol (Malwar PMGSY) to Dehti Tola Sima Ararbari				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		
			EARTHWORK								
1			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 <u>lead upto 1000 m</u> 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				
						Total Cost	34.78	0.00	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				
						Total Cost	34.78	0.00	0.00	0.00	

Name of Road :-			Matia Tol (Maldwar PMGSY) to Dehti Tola Sima Ararbari		Block :-		Palasi		Total material Qty. required (Cum)	Total Amount	Add 10 % Seigniorage Fee
Sl. No.	SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs				
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	389.25	4,90,455.00	49,045.50	
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	1,369.67	23,314.47	2,331.45	
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	4,273.90	20,612.58	2,061.26	
								Total Seigniorage Fee	53,438.00		

 28/12/02
 J.R.
 28/12/02
 AR