

GOVT. OF BIHAR



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

Year 2020-21

ESTIMATED COST Rs 3143014.00

NAME OF ROAD :-

CHHATAPUR LAKSHMIPUR SIMA SE
KHATBE TOLA MAHADALIT TOLA KHUNTI TAK

DIVISION :- RWD ,WORKS DIVISION , TRIVENIGANJ

CIRCLE :- RWD , WORKS CIRCLE MADHEPURA

Block :- CHHATAPUR SUPAUL

प्रतिवेदन

पथ का नाम :-

कार्य का नाम :-

CHHATAPUR Laxmi PUR SIMA SE KHATBETOLA MAHAPALIK
TOLA KHUTITAK.

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

संलग्न प्राक्कलन 10.06.2020 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त
0.342km में बाढ़ क्षतिग्रस्त मरम्मत मद से यातायात चालू करने हेतु तैयार किया गया है
जिसकी प्राक्कलित लागत 35.63.684/- है।
उक्त पथ का निर्माण यान्त्रिकता हुआ है एवं योजना अनुरक्षण
अवधि में 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।

20/11/20
कनीय अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा,।

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

26/11/20
कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल,।

Inspection Report for Flood Damage Work

Date:.....

1.Name of PIUs:- EFRWD. W. DIV. T. S. Beniga

2.Name of Block:- CHHATA PUR

3.Name of Road:- Chakkar Laxmi pur Sima se Khatke toda, Mahadali Hala, Khatki Tak.

A. For Road 1- 3.0 km

1. Damage Location/Chainage :-

2. Damage Length 0.342 km

3. Nature of Damage 0.020 km w/ out of road & partially cutting.

4. Details of Restoration Works:- cc bag, Geo bag, Bam. Laxmi pur HP, B/Bat, L/Sand.

(i.) Material being used in Restoration Works:- L/Sand, cc bag, Geo bag, Bam. Laxmi pur HP, B/Bat

(ii.) Equipments/Tools being used in Restoration works:- Tractor, JCB, stacking machine, generator.

(iii.) Procedure taken up in Restoration works:- Complete 2.

(iv.) Restored Length :- 0.342 km

B. For Bridge

1. Damage Location/Chainage:-

2. Damage Length :-

3. Nature of Damage :-

4. Details of Restoration Works:-

(i.) Material being used in Restoration Works:-

(ii.) Equipments/Tools being used in Restoration works:-

(iii.) Procedure taken up in Restoration works:-

(iv.) Restored Length :

Signature of JE/AE/EE

Signature

(Name of Inspector)

**DETAILS OF ESTIMATE FOR RESTORATION OF
Abstract of Cost**

vision:- RWD triveniganj

sub division:-Chhatapur

BLOCK :- CHHATAPUR


PANCHAYAT :-

Length of Breach

3.0 km

Yr. 2020-21

Sl. No./ item no.	Item of works	Quantity	Unit	Rate	Amount
1	Filling of local sand obtained from river bed Watering & ramming all com.job	1316.84	per cum	522.67	688272.76
2	Supply and carriage of brikk bats up to 8 km from breach and placing in breach and laying of bats all complete job. as perspecification and direction of E/I	283.88	per cum	1751.13	497102.03
3	laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry 1000MM Dia Pipe	30m	per m	3377.00	101310.00
4/5.7.7 (WRD)	Labour for cutting 62mm to 75mm dia.bamboopole to size and making shoes and driving etc. complete job as per specification and direction of E/I	168.0 m	PerM	26.35	4427.21
5/5.7.9 (WRD)	Labour for fitting and fixing 62mm75mmdia.bamboo runners in position at every vertical pilewith 1500mm long nails or 38swg gGI wire including cost of GI wire or nails complete job as per specification and direction of E/I (Excluding cost of bamboo)	336.0 m	PerM	4.70	1579.20
6/5.7.40.1 (WRD)	Labour for filling empty cement bag with with local sandand placing includind supply of sutali etc. complete as per approved , specification and direction of E/I (Excluding cost of EC Bag And Sand)	39617.Bags	%Bag	3113.00	1233290.49


 24/10/20
 M

7/5.7.54 wrđ	Providing, laying & filling Geo bags of size 1mX0.7m (Type A 300GSM nonwoven) Weight 420gm, volume of filled bag 0.07 cum, weight of filled Geo bag 126kg with local sand including stitching in four lines by approved Nylon thread with stitching machine and generator, stacking and placing after loading, unloading and carriage with the help of Trolley within 150m lead, including cess, all complete as per specification and direction of E/I.	943 cum	Cum	155.10	146181.75
8	supply of bamboo	94.nos	N0s	141.50	13301.00
					2685464.44

Add 12% GST on item no 5,6,7&8

322255.73

Add 1% Labour cess total item

26854.64

S.Fee

77321.00

Total

3111895.82

Add 1% contingenct

31118.96

Rs 3143014.00

Junior Engine
Chhatapur

S D O
Rural Works Sub division
Chhatapur

Executive Engineer
Rural Works division
Triveniganj

T.A. for Rs 3143000/- (b. Thirty one lacs forty thousand only.)

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अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, मधेपुरा

**DETAILS OF ESTIMATE FOR RESTORATION OF CHHATAPUR LAKSHMIPUR SIMA SE KHATBE
TOLA MAHADALIT TOLA KHUNTI TAK
ROAD AT RD.....1st Km. AS PER ACTUAL WORK DONE**

vision:- RWD triveniganj

BLOCK :- CHHATAPUR

sub division:-Chhatapur

Length of Breach

3 Km

Yr. 2020-21

Sl. No./ item no.	Item of works	L	B	H	Quantity
1	Filling of local sand obtained from river bed Watering & ramming all com.job	25.0	(5.5+7)/2	2.8	437.50
		2x100	1.75	1.5	525.00
		100.0	1.8	1.5	270.00
		2*25	1.5	1.6	120.00
		Less quantity for HP =22/28x1.23x1.23x4x7.5=			-35.66
	L				1316.84
2	Supply and carriage of brikk bats up to 8 km from breach and placing in breach and laying of bats all complete job. as perspecification and direction of E/I				
		17.0m	(6+4.5)/2	1.50m	133.9 cum
		16.0m	(7.5+5)/2	1.50m	150.0 cum
					283.9 cum
3	Providing and laying reinforced cement concrete pipe NP3 1000mm dia	4Rows	7.5		30m
4/5.7.7 (WRD)	Labour for cutting 62mm to 75mm dia.bamboopole to size and making shoes and driving etc. complete job as per specification and direction of E/I Nos. of pile .6m c/c both side = Length of each pile TotalLength of pile driven 1.5 m above water 2.0 m below water				
		84	Nos		
		3.50M			
		2.0 m		84	168.0 m
5/5.7.9 (WRD)	Labour for fitting and fixing 62mm75mmdia.bamboo runners in position at every vertical pilewith 1500mm long nails or 38swg gGI wire including cost of GI wire or nails complete job as per specification and direction of E/I (Excluding cost of bamboo) Nos. of runners@.5m c/c both side = Length of each runner Total Length of runner	4	Nos		
		84.00M			
		336.0			336.0 m

6/5.7.40.1 (WRD)	Labour for filling empty cement bag with with local sand and placing including supply of sutali etc. complete as per approved , specification and direction of E/I (Including cost of EC Bag And Sand)				
	EC BAG	42.0m	$(4.4+4.6+5.5)/3$	1.0m	203.0 cum
		42.0m	$(4+3.3)/2$	1.4m	214.6 cum
	2	20.0m	$(4.2+4.6+5)/3$	1.5m	276.0 cum
		17.0m	$(5+4)/2$	1.2m	91.8 cum
		7.0m	2.6m	1.3m	23.7 cum
		139.0m	1.5m	1.5m	312.8 cum
			39617 BAGS		1121.8 cum
7/5.7.54	Providing, laying & filling Geo bags of size 1mX0.7m (Type A 300GSM nonwoven) Weight 420gm, volume	139.0m	5.0bags	0.0m	695.0bags
		30.0m	$(6+3)/2$		135.0bags
		25.0m	$(4+5)/2$		113bags
					943bags
8	supply of bamboo				
	i. for pile				42.00
	ii. For runners				51.69
			Total		93.69

Junior Engine

S D O
Rural Works Sub division
Chhatapur

Executive Engineer
Rural Works division
Triveniganj