

# GOVT. OF BIHAR



## ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

Year 2020-21

ESTIMATED COST Rs 3129518/-

NAME OF ROAD :-

DETAILS OF ESTIMATE FOR RESTORATION OF  
MADHOPUR MARKET SHW BIRPUR ROAD VAI-  
UDHAMPUR SIMA

DIVISION :- RWD ,WORKS DIVISION , TRIVENIGANJ

CIRCLE :- RWD , WORKS CIRCLE MADHEPURA

Block :- CHHATAPUR SUPAUL

पथ का नाम :-  
कार्य का नाम :-

प्रतिवेदन

Modhupur Market to W.N.S.H Birbut Road var Uthmanpur  
G.M.A.

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

संलग्न प्राक्कलन 10.06.2020 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त ..... 0.070 Km

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

जिसकी प्राक्कलित लागत ..... 4,36,50,700/- है।

उक्त पथ का निर्माण ..... mm/sf ..... योनान्तर्गत 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।

Am 11/1/20

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

Sul 20/10/20

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

Am 11/1/20

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

## Inspection Report for Flood Damage Work

Date:-.....

1.Name of PIUs:-

EE RWDLO. Div. T. K. K. K.

2.Name of Block:-

Chhatapur.

3.Name of Road:-

Modhokpur market to WN S.H. Birpur via Uddharpur  
Siona.

A. For Road

L = 1.645 m

1.Damage Location/Chainage :-

2.Damage Length :-

0.070 km.

3.Nature of Damage :-

up on the road & c.d.

4.Details of Restoration Works:-

e.c. N.C. bag. bamboo pile, runner, chd. n.

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

B/Bat, sand filling, H.P.

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

e.c. bag, N.C. bag. 20. - 20. B/Bat 4/500.

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

Tractor Tolly, JCB.

(iv.)Restored Length :-

Completed.

0.070 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 SHW BIRPUR ROAD VAI-UDHAMPUR SIMA**

Abstract of Cost

Division:- RWD triveniganj

BLOCK :- CHHATAPUR

Sub division:-Chhatapur

PANCHAYAT :-

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	434.09	per cum	522.67	384110.00
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	654.00	per cum	1751.13	1145239.02
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	52.50M	per m	3377.00	177292.50
4/5.7.7 (WRD)	Labour for cutting 62mm to 75mm dia.bamboopile to size and making shoes and driving etc. complete job as per specification and direction of E/I	600.0 m	PerM	26.40	15840.00
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)	720.0 m	PerM	4.70	3384.00
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)	14469	%Bag	3113.00	450419.97
	Labour for filling empty cement bags with local sand, stiching the bags and placing in Nylon Crate of size (1mx1mx1m) 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	273	no	778.4	212503.20
	supply of bamboo with Cariage to work site---	554	no	171.4	94955.60

Add 12% GST

Add 1% Labour cess total item

Total

2483744.29

298049.31

24837.44

322886.76

SAY Rs 3129517.81

Junior Engine  
Chhatapur

S D O  
Rural Works Sub division  
Chhatapur

Executive Engineer  
Rural Works division  
Triveniganj

TA. for Rs. 31,29,500.00 (Rs. Thirty One Lacs, twenty nine thousand five hundred only)

H 07/04/24  
अधीक्षण अभियंता  
ग्रामीण कार्य विभाग  
कार्य अंचल, मधेपुरा

**DETAILS OF ESTIMATE FOR RESTORATION OF MADHOPUR MARKET  
TO WN BIRSPUR ROADH ROAD AT RD..... AS PER ACTUAL WORK DONE**

Division:- RWD triveniganj

BLOCK :- CHHATAPUR

Sub division:-Chhatapur


Length of Breach

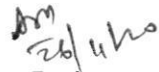
Yr. 2020-21

Sl. No./ item no.	Item of works	L	B	H	
1	Filling of local sand obtained from river bed Watering & ramming all com.job	30m	(5.5+7)/2	2.8	525
		2x7.5	1.50	1.5	258.75
		13.0	1.5	2.5	48.75
		14.0	1.5	2.5	52.5
		35.0	1.5	2.6	136.5
			Total=		496.5
	Less Hp - 52.5x22/28x1.23x1.23= 62.41				434.09
			Net Qty		
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	30.0m	(6.5+7.5)/2	2.60m	546.0
		12.0m	9.00m	1.00m	108.0
3	Providing and laying reinforced cement concrete pipe NP3 1000mm dia	7	3	2.5	
4/5.7.7 (WRD)	Labour for cutting 62mm to 75mm dia. <b>bamboo pile</b> to size and making shoes and driving etc. complete job as per specification and direction of E/I	2	120	2.5	600.0

	Labour for fitting and fixing split <b>bamboo ovenchachari</b> in position with 20 swg GI wire or 75mm long nails alternatively including cost of GI wire or nails complete job as per specification and direction of E/I (Excluding cost of bamboo)	2	30	3	180
	Length of each pile				
	Length of pile driven				
	1.5 m above water				
	2.0 m below water				
5/5.7.9 (WRD)	Labour for fitting and fixing 62mm75mmdia. <b>bamboo runners</b> in position at every vertical pile with 1500mm long nails or 38swg GI wire including cost of GI wire or nails complete job as per specification and direction of E/I (Excluding cost of bamboo)	2	30	12	720
	Nos. of runners@.3m c/c both side =				
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
		30.0m	$(4+3.3)/2$	1.4m	153.3
		17.0m	$(5+4)/2$	1.2m	91.8
					448.1
		No of Bags-			14469
	Labour for filling empty cement bags with local sand, stitching the bags and placing in Nylon Crate of size (1mx1mx1m) 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	2x 30	$(1+2.5)/2$	2.6m	273
	Nos of Nylon Crate	273	No		

8	supply of bamboo with Cariage to work site---						
	i.for pile			240 NO			240 NO
	ii. For runners			720M			111
	iii.Chechari			180	SQM		194
						Total	545

  
 Junior Engine  
 Rural Works Sub division  
 Chhatapur

  
 Executive Engineer  
 Rural Works division  
 Triveniganj