



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

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

वर्ष 2020

Detailed Project Report

Name of Road :-	Sitapur Main Road SH-91 to Ward No-10 Pswan tola tak		
District :-	Supaul		
Block :-	Virpur		
Circle :-	R.W.D, Work Circle, Madhepura		
Construction Cost:- ₹	1,697,619	17,06,565	200

Submitted By:
Executive Engineer
R.W.D. Works Division,
Virpur

प्रतिवेदन

पथ का नाम-

कार्य का नाम-

बाढ़ से क्षतिग्रस्त भाग में यातायात चालू करने का कार्य ।

संगलन प्राक्कलन 10.06.2020 को प्रखण्ड में आई भीषण बाढ़ से क्षतिग्रस्त FDR-2245 मरम्मत मथ से यातायात चालू करने हेतु तैयार किया गया है। जिसकी प्राक्कलित लागत17,06,445..... है। उक्त पथ का निर्माणमरम्मत.....योजनान्तर्गत हुआ है। पथ के क्षतिग्रस्त भाग में आवश्यकता अनुसार Hume pipe, Bamboo, Local sand, Brick bats, देने के बाद यातायात चालू किया गया है। पथ के विभिन्न हिस्से में कराये गए कार्य का विवरणी स्पष्ट रूप से प्रकलन में दर्शाया गया है।

प्राककलन मदी का दर वर्तमान अनुसूची दर के अनुरूप है ।

कनिया अभियंता
ग्रामीण कार्य विभाग
कार्य प्रासखा.....

कनिया अभियंता
ग्रामीण कार्य विभाग
कार्य प्रासखा.....

सहायक अभियंता
ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल.....

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल वीरपुर

Inspection Report for Flood Damage Work

Date:-

1. Name of PIUs:- *Sri Arjun Bared*
2. Name of Block/Road:- *Safapur Mehn Road SH91 to ward no - 10 Farman Jala Teh.*

A For Road

1. Damage Location / chainage *465 m*
2. Damage Length *641.25 m*
3. Nature of Damage *Wash out*

4. Details of Restoration Works:

- I. Material being used in Restoration work: *Local Sand, Bamboo, Empty Cement bag, B.C bag*
- II. Equipments /tools being in Restoration work:
- III. Procedure taken up in Restoration work:
- IV. Restored Length

B For ~~Road~~ Bridge

1. Damage Location / chainage *Approach*
1.80 km
2. Damage Length *2x20m*
3. Nature of Damage *Approach cutting*

4. Details of Restoration Works:

- I. Material being used in Restoration work: *Local Sand, Empty bag, Brick bats.*
- II. Equipments /tools being in Restoration work:
- III. Procedure taken up in Restoration work:
- IV. Restored Length *641.25*

Signature
28/10/20

Signature JE/AE/EE

Signature
28/10/20

Executive Engineer
Rural Works Department
Ward. Division, Birpur

Signature
28/10/20

(Name of Inspector)

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :-	Sitapur Main Road SH-91 to Ward No-10 Pswan tola tak	
DISTRICT :-	Supaul	
BLOCK :-	Virpur	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Filling of local sand	788660.55
2	Labour for cutting 62mm to 75mm dia bamboo	15451.56 23458.65
3	Labour for fitting 62mm to 75mm dia bamboo	16108.20
4	Labour for filling empty cement bags with local sand	0.00
5	Supplying of EC bag, of local sand	682097.52
6	Supply and Carriage of brick bats	0.00
7	Supply, laying and carriage of 1000 mm HPC	0.00
8	Granular Sub-base	0.00
	SUB TOTAL COST =	1502317.83
	ADD GST @ 12% =	1510234
	Add Labour cess @ 1% =	181228
	Add Contingency @ 1% =	15023.18
	TOTAL (RS.) =	1510234 1706565.00

J.E
10/10/2020

A.E
28/10/20

E.E
17/06/2021

S.E

Technically approved at 17,06,565.00 (Rupees Lakhs be in thousand the hundred fifty six only.)

08/04/21
Superintending Engineer
Rural Works Department
Works Circle Madhapura

Bill of Quantity

NAME OF ROAD :-		Sitapur Main Road SH-91 to Ward No-10 Pswan tola tak		
DISTRICT :-		SUPAUL		
BLOCK :-		Virpur		
Sl. No.	DESCRIPTION OF ITEMS	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	1282.50	614.94	788660.55
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.	513.00	45.73	23458.65
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.	513.00	31.40	16108.20
4	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	894.60	0.00
5	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	22646.00	30.12	682097.52
6	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	0.00	2106.15	0.00
7	Supplying and carriage of hume pipe 1000 mm dia , all complete job.	0.00	4,629.59	0.00

8	Granular Sub-base with Well Graded Material (Table 400.1)	0.00	3,002.09	0.00
		A) SUB TOTAL =		1510324.92
		TOTAL COST =		1510325

MO 28/10/2020
 C. K. P. S. S. S.
 P. K. P. S. S.

28/10/20
 A.G.

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

NAME OF ROAD :-		Sitapur Main Road SH-91 to Ward No-10 Pswan tola tak							
DISTRICT :-		Supaul							
BLOCK :-		Virpur							
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								
		cum	2	25.00	2.50	4.50	562.50		
		cum	2	32.00	2.50	4.50	720.00		
		cum	total qty :-				1282.50	614.94	788660.55
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.								
			2	25.00	4.50		225.00		
			2	32.00	4.50		288.00		
		Mtr.	total qty:-				513.00	30.12	15,451.56
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.								
			2	25.00	4.50		225.00		
			2	32.00	4.50		288.00		
		Mtr.	total qty :-				513.00	31.40	16108.20

4	Labour for filling 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										
	Both Side		0	25.00	1.00	5.50	0.00				
			0	32.00	1.00	5.50	0.00				
			0	19.00	1.50	1.50	0.00				
							0.00				
	No of Each Bags		0		X	35.315	0.00				
	No of Nylon crate =(No of bags			0.00	/	25	0.00				
		No	total qty :-				0.00	894.60		0.00	
5	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.										
	Both Side	cum	2	25	4.50	1.25	281.25				
		cum	2	32	4.50	1.25	360.00				
	total No of E C Bags =		641.25 X				35.315	22646.00			
		Each	Say No of Bage :-				22646	30.12		682097.52	
6	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.										
		cum	0	4.00	3.00	4.10	0.00				
		cum	total qty :-				0.00	2106.15		0.00	

