

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

NAME OF ROAD:- LO39 -TO4 TO SADANANDPUR (VR8)

DIVISION:- R.W.D, WORKS DIVISION, VIRPUR

CIRCLE:- R.W.D, WORK CIRCLE, MADHEPURA

BLOCK:- SRAIGARDH BHAPTIYAH

ESTIMATED COST

2534666.00

प्रतिवेदन

पथ का नाम - L039 - Toy to Sadanondpur (VR8)
कार्य का नाम - L039 - Toy to Sadanondpur (VR8) making Montable Roads damaged during flood in 2018
मे बाढ़ से क्षतिग्रस्त भाग में यातायात चालू करने का कार्य।

संलग्न प्राक्कलन 10.06.2020 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त L039 - Toy to Sadanondpur (VR8) में बाढ़ क्षतिग्रस्त मरम्मति मद से यातायात चालू करने हेतु तैयार किया गया है जिसकी प्राक्कलित लागत ₹ 2534666.00 परमाण्वीय संशोधन एवं प्रौद्योगिकी विभाग द्वारा प्रदान की गई है। उक्त पथ का निर्माण P.W.D. योजान्तर्गत हुआ है एवं योजना अनुरक्षण पथ के कटे (क्षतिग्रस्त) अवधि में नहीं है।
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।

28/10/20
कनिष्ठ अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, 24/12/18

28/10/20
सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल, 24/12/18

28/10/20
कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, 24/12/18

Inspection Report for Flood Damage Work

Date:-.....

- 1.Name of PIUs:- *Sr Birju Band*
2.Name of Block:- *Saigarkh Bheptgahi*
3.Name of Road:- *2039 - Toy to Sadmandpur (VR)*

A. For Road

- 1.Damage Location/Chainage :- *0 to 100m , 2900m (140m)*
2.Damage Length :- *100 m*
3.Nature of Damage :- *cutting*
4.Details of Restoration Works:-
(i.)Material being used in Restoration Works:- *Brick bat, Gravel, Local sand*
(ii.)Equipments/Tools being used in Restoration works:-
(iii.)Procedure taken up in Restoration works:-
(iv.)Restored Length :- *100m, 140m*

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 :

28/10/20
AS
Signature of JE/AE/EE

28/10/20
AE
Executive Engineer
Rural Works Department
Work Division, Birpur

28/10/20
Signature
(Name of Inspector)

Abstract of Cost

Name of Work : Estimate for Repairing/Restoration/Making Motorable Roads Damaged during flood in 2020 in SUPAUL District

Name of Road:

LO39 -TO4 TO SADANANDPUR (VR8)

Block: SRAIGARDH BHAPTIYAH

District: SUPAUL

Division : RWD, Works Division, VIRPUR

Circle: RWD, Work Circle, Madhepura

Sl No.	Description	Unit	Quantity (m3)	Rate (Rs)	Amount (Rs)
1	Labour for filling empty cement bags with loocal 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				
		Crt / per	1961.75	778.40	1527024.84
2	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.	25 bags			
		Per 100 Bags	136.85	3113.40 31=13	426055.17
3	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	165.60	1751.13	289987.13
	TOTAL AMOUNT =				2243067.13
	ADD 12.00 %GST=				269168.06
	ADD 1 % L.CESS=				22430.67
	SAY TOTAL AMOUNT =				2534665.86

2534666.00

17/28/10/2020
JE

AE
RWD SUB DIV.
SRAIGARDH
BHAPTIYAH

EE

RWD SUB DIVISION-SRAIGARDH BHAPTIYAH

RWD WORKS DIV. VIRPUR

SE
MADHEPURA

Technically approved Rs. 25,34,666.00 (Rupees twenty five lac thirty four thousand six hundred and sixty six only)

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

Detailed Estimate

Name of Road:

LO39 -TO4 TO SADANANDPUR (VR8)

SI No.	Items of Works	Nos.	L (m)	B (m)	D (m) IN (Av.)	Quantity (m3)
1	loocal 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					
	00-35	1	35.00	(12+10.0)/2	2.75	1058.75
	2650-2662	1	12.00	(10+12)/2	2.50	330.00
					TOTAL=	1388.75
					Total No. of EC Bags =(1388.75X35.315)	49043.71
					TOTAL NO OF CRT=	1961.75
2	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
		1	35.00	(8+9.0)/2	1.00	297.50
		1	12.00	(7+8)/2	1.00	90.00
					TOTAL=	387.50
					Total No. of EC Bags =(387.5X35.315)	13684.56
					NO OF BAGE/100 =	137
3	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
		1	35.00	6.00	0.60	126.00
		1	12.00	5.50	0.60	39.60
					Total Qty. =	165.60

M/S 10/10/2020
JE

N/S 28/10/20
AE

DM 28/10/20
EE

RWD SUB DIV- SRAIGARDH BHAPTIYAH

RWD SUB DIV. SRAIGARDH BHAPTIYAH

RWD WORKS DIV. VIRPUR

Analysis for Carriage by Road & Rail

Block :- SRAIGARDH BHAPTIYAHI

District:- SUPAUL		Carriage Cost & Lead in Km					Loading & Unloading	Carriage Cost by Rail Head	Total
Sl No	Item with Source	Unit	Source Up to	Pucka / Surface	Katcha				
7	Local Sand	Cum	Local	8.00 x 7.10 x 2.00 Km = Rs 22.77 4.99	8.00 x 17.82 x 1.00 Km = Rs 28.57 4.99		99.08		Rs. 150.42
8	Brick	000 Nt Local	Local	8.00 x 7.10 x 7.00 Km = Rs 198.80 2.00	8.00 x 17.17 x 1.00 Km = Rs 68.68 2.00		417.46		Rs. 684.94
13	Hume Pipe (1000 mm)	m	Karjain	8.00 x 7.10 x 70.00 Km = Rs 397.60 10.00	8.00 x 17.17 x 0.00 Km = Rs 0.00 10.00		73.32		Rs. 470.92

* Subjected to Verification of Lead

Cost of Haulage Excluding Loading & Unloading as per SOR

Type of Road	Per Ton. Km by Tipper	Per Ton. Km by Truck
For Surface Road	8.20	7.10
Unsurface Gravel Road	9.90	8.54
Kachha Road	19.80	17.17

Summary of Carriage Cost		
Sl. No.	Particulars	Amount
10	c) Local sand	150.42
11	d) Local Sand at Site	267.27
12	Boulder	2546.70
19	a)Hume Pipe NP 3 (1000MM I	470.92
20	b)Hume Pipe NP 3 (1000MM DIA) at site	3215.42
21	Steel	566.50
22	Brick	684.94
23	Brick Bats/Jhama metal	342.47

28/10/20
D. S.

7.5

28/10/20
D. S.