

## RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

NAME OF ROAD:- BAIRIA KAMAL GAON ME REO SADAK TO  
MUSHALAMAN TOLA -2 TAK.

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

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

BLOCK:- BASANTPUR

### ESTIMATED COST

3594362.00

प्रतिवेदन

पथ का नाम :-

Barda Kermal Gaon me R60 Sedale to Maslim Sela - 2 Km

कार्य का नाम :-

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

संलग्न प्राक्कलन 10.06.2020 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त Sedale to Maslim Sela में बाढ़ क्षतिग्रस्त मरम्मति मद से यातायात चालू करने हेतु तैयार किया गया है जिसकी प्राक्कलित लागत 35,94,362 है।  
उक्त पथ का निर्माण 35,94,362 योनान्तर्गत हुआ है एवं योजना अनुरक्षण अवधि में 51 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।

10/06/2020

10/06/2020

10/06/2020

कनीय अभियंता,

ग्रामीण कार्य विभाग,

कार्य प्रशाखा, उतापञ्च

सहायक अभियंता,

ग्रामीण कार्य विभाग,

कार्य अवर प्रमण्डल, उतापञ्च

कार्यपालक अभियंता,

ग्रामीण कार्य विभाग,

कार्य प्रमण्डल, उतापञ्च

# Inspection Report for Flood Damage Work

Date:-.....

1. Name of PIUs:- *Sr. Rajin Prasad*  
2. Name of Block:- *Basutpur*  
3. Name of Road:- *Baria Komal gaon me R60 Sadak to Musahmulla-2 Tak.*

## **A. For Road**

1. Damage Location/Chainage :- *0 to 500 m*  
2. Damage Length :- *394 m*  
3. Nature of Damage :- *Flush out*  
4. Details of Restoration Works:-  
(i.) Material being used in Restoration Works:- *Brick bat, local sand, etc. bag.*  
(ii.) Equipments/Tools being used in Restoration works:-  
(iii.) Procedure taken up in Restoration works:-  
(iv.) Restored Length :- *394 m*

## **B. For Bridge**

1. Damage Location/Chainage:- *875 m*  
2. Damage Length :- *2 x 50 m*  
3. Nature of Damage :- *Abutment damaged*  
4. Details of Restoration Works:-  
(i.) Material being used in Restoration Works:- *Brick bat, local sand, etc. bag.*  
(ii.) Equipments/Tools being used in Restoration works:-  
(iii.) Procedure taken up in Restoration works:-  
(iv.) Restored Length :

*[Signature]*  
Signature of JE/AE/EE

*[Signature]*  
**Executive Engineer**  
Rural Works Department  
Work Division, Birpur

*[Signature]*  
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:**

**BAIRIA KAMAL GAON ME REO SADAK TO MUSHALAMAN TOLA -2 TAK.**

**Block:** BASANTPUR

**District:** SUPAUL

**Divison :** RWD, Works Division, VIRPUR

**Circle:** RWD, Work Circle, Madhepura

	Description	Unit	Quantity (m3)	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	2856.60	522.67	1493059.12
2	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
		Per 100 Bag	448.49	3113.40	1396333.97
3	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	166.44	1751.13	291458.08
	<b>TOTAL AMOUNT =</b>				<b>3180851.17</b>
	<b>ADD 12.00 %GST=</b>				<b>381702.14</b>
	<b>ADD 1 % L.CESS=</b>				<b>31808.51</b>
	<b>SAY TOTAL AMOUNT =</b>				<b>3594361.82</b>

**3594362.00**

*12/10/20*  
JE

*28/1/20*  
AE

*28/1/20*  
EE

RWD SUB DIVISION-BASANTPUR

RWD SUB DIV.  
BASANTPUR

RWD WORKS DIV. VIRPUR

SE  
MADHEPURA

*Technically approved 35,94,362.00 (Refer H.P. file  
see copy of order from Madhepura dated  
8 July 2021).*

*08/04/21*  
Superintending Engineer  
Works Department  
Madhepura

# Detailed Estimate

ie of Road:

BAIRIA KAMAL GAON ME REO SADAK TO MUSHALAMAN TOLA -2 TAK.

Item of Work	Rate	Length (m)	Width	Area	Quantity
Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.					
BOTH SIDE OF ROAD	2	42.00	(1.1+2.0)/2	(2+3.1)/2	332.01
BOTH SIDE OF ROAD	2	56.00	(1.3+2.0)/2	(2+3.3)/2	489.72
BOTH SIDE OF ROAD	2	66.00	(1.5+2.0)/2	(2+3.6)/2	546.80
BOTH SIDE OF ROAD	2	47.00	(1.5+2.0)/2	(2+3)/2	411.25
BOTH SIDE OF ROAD	2	70.00	(1.5+2.0)/2	(2+3)/2	612.50
BOTH SIDE OF ROAD	2	33.00	(2.0+1.2)/2	(3+3.9)/2	364.32
				TOTAL =	2856.60
				Total Qty =	2856.60
Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
BOTH SIDE OF ROAD	2	42.00	(1.0+0.5)/2	(2+3.1)/2	160.65
BOTH SIDE OF ROAD	2	56.00	(1.0+0.5)/2	(2+3.3)/2	222.60
BOTH SIDE OF ROAD	2	66.00	(1.0+0.5)/2	(2+3.6)/2	277.20
BOTH SIDE OF ROAD	2	47.00	(1.0+0.5)/2	(2+3)/2	176.25
BOTH SIDE OF ROAD	2	70.00	(1.0+0.5)/2	(2+3)/2	262.50
BOTH SIDE OF ROAD	2	33.00	(1.0+0.5)/2	(3+3.9)/2	170.78
				TOTAL =	1269.98
				Total No. of EC Bags = (394.38X35.31)	13845.17
				NO OF BAGS =	44843 bags
Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
	1	42.00	2.00	0.30	25.20
	1	56.00	1.50	0.30	25.20
	1	66.00	2.10	0.30	41.58
	1	47.00	1.60	0.30	22.56
	1	70.00	2.00	0.30	42.00
	1	33.00	1.00	0.30	9.90
				Total Qty. =	166.44

JE

AE

EE

RWD SUB DIV. BASANTPUR

RWD SUB DIV. BASANTPUR

RWD WORKS DIV. VIRPUR



### Analysis for Carriage by Road & Rail

Name of Road:--

District:- SUPAUL

Block :-

Sl No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km				Loading & Unloadin	Carriage Cost by Rail Head	Total
				Pucka / Surface			Katcha			
7	Local Sand	Cum	Local	8.00 x 7.10 x 2.00 Km = Rs 22.77	8.00 x 17.82 x 1.00 Km = Rs 28.57	4.99		99.08		Rs. 150.42
8	Brick	000 N	Local	8.00 x 7.10 x 7.00 Km = Rs 198.80	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 53.00 Km = Rs 301.04	8.00 x 17.17 x 0.00 Km = Rs 0.00	10.00		73.32		Rs. 374.36

Cost of Haulage Excluding Loading & Unloading as per SOR

\* Subjected to Verification of Lead

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	Unit	Amount
10	c) Local sand	Cum	150.42
11	d) Local Sand at Site	Cum	267.27
12	Boulder	Cum	2546.70
19	a )Hume Pipe NP 3 ( 1000MM I	m	374.36
20	b )Hume Pipe NP 3 ( 1000MM DIA ) at site	m	3118.86
21	Steel	Ton	566.50
22	Brick	per 1000	684.94
23	Brick Bats/Jhama metal	Cum	342.47