

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

NAME OF ROAD:- BALBHADRAPUR BAZAR TO BADSHAH CHOUK

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

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

BLOCK:- BASANTPUR

ESTIMATED COST

3197452.00

प्रतिवेदन

पथ का नाम
कार्य का नाम

Balbhadrapur to Bazar to Badli chowk.

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

संलग्न प्राक्कलन 10.06.2020 को प्रखण्ड में आयी भीषण बाढ़ से क्षतिग्रस्त Balbhadrapur Bazar to Badli chowk में बाढ़ क्षतिग्रस्त मरम्मति मद से यातायात चालू करने हेतु तैयार किया गया है जिसकी प्राक्कलित लागत 31,97,452 है।
उक्त पथ का निर्माण mmay यानान्तर्गत हुआ है एवं योजना अनुरक्षण अधि 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।

कनिष्ठ अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा,

सहायक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल

Inspection Report for Flood Damage Work

Date:-.....

1. Name of PUs:- *Sri Arjun Kumar*
2. Name of Block:- *Barnapur*
3. Name of Road:- *Balbhadrapur Bazar to Badshahpur.*

A. For Road

1. Damage Location/Chainage - *800 m to 1520 m*
2. Damage Length - *776.30 m*
3. Nature of Damage - *Gravel Road Bluck out*
4. Details of Restoration Works -
(i.) Material being used in Restoration Works - *Gravel bit, etc bag, Local Soil*
(ii.) Equipments/Tools being used in Restoration works -
(iii.) Procedure taken up in Restoration works -
(iv.) Restored Length - *776.30 m*

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:-

M. S. 11/10/20
Signature of JE/AE/EE

Ad

Ad
Executive Engineer
Rural Works Department
Work Division, Birpur

Ad
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:

Block: BASANTPUR

BALBHADRAPUR BAZAR TO BADSHAH CHOUK
District: SUPAUL

Divison : RWD, Works Division,VIRPUR

Circle: RWD, Work Circle, Madhepura

Sl. No.	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	695.03	522.67	363273.07
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	274.15	3113.40 3113	853539.68
3	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	921.00	1751.13	1612790.73
	TOTAL AMOUNT =				2829603.49
	ADD 12.00 %GST=				339552.42
	ADD 1 % L.CESS=				28296.03
	SAY TOTAL AMOUNT =				3197451.94

3197452.00

M/28/10/20
JE

M/28/10/20
AE

M/28/10/20
EE

RWD SUB DIVISION-BASANTPUR

RWD SUB DIV.
BASANTPUR

RWD WORKS DIV. VIRPUR

SE
MADHEPURA

*Technically approved 31,97,452.00 (Rupees thirty one
lacs ninety seven thousand four hundred fifty two only).*

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

Detailed Estimate

Name of Road:

BALBHADRAPUR BAZAR TO BADSHAH CHOUK

Sl. No.	Items of Works	No.	L (m)	B (m)	D (m) IN (Avg.)	Quantity (m ³)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.					
		2	50.00	(1+1.5+1)/3	(1.5+1)/2	145.83
		2	25.00	(1+2+2)/3	(1+2)/2	125.00
		2	35.00	(1+1.6+1)/3	(1.6+1)/2	109.20
		2	60.00	(1+1.5+2)/3	(1.5+2)/2	315.00
					TOTAL=	695.03
					Total Qty =	695.03
2	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
		2	50.00	(1+1.5)/2	(1.5+2)/2	218.75
		2	25.00	(1+2)/2	(1+2.5)/2	131.25
		2	35.00	(1+1.6+)/2	(1.6+2)/2	163.80
		2	60.00	(1+1.5)/2	(1.5+2)/2	262.50
					TOTAL=	776.30
					Total No. of EC Bags = (776.30X35.315)	27415.03
					NO OF 100 BAGE=	274
	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					27415
	TOP LAYER	2	50.00	2.00	0.30	60.00
	TOP LAYER	2	25.00	2.00	0.30	30.00
	TOP LAYER	2	35.00	2.00	0.60	84.00
	TOP LAYER	2	60.00	2.00	0.30	72.00
	TOP LAYER	1	100.00	7.50	0.90	675.00
					Total Qty. =	921.00

10/28/10/2020
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			Katcha	Loading & Unloadin	Carriage Cost by Rail Head	Total
7	Local Sand	Cum	Local	8.00 x 7.10 x 2.00 Km = 4.99	Pucka / Surface	8.00 x 17.82 x 1.00 Km = 4.99	Rs 28.57	99.08		Rs. 150.42
8	Brick	000 No	Local	8.00 x 7.10 x 7.00 Km = 2.00		8.00 x 17.17 x 1.00 Km = 2.00	Rs 68.68	417.46		Rs. 684.94
13	Hume Pipe (1000 mm)	m	Karjain	8.00 x 7.10 x 53.00 Km = 10.00		8.00 x 17.17 x 0.00 Km = 10.00	Rs 301.04	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 Roa	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 /hama metal	Cum	342.47