

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

NAME OF ROAD:- CONST. OF ROAD FROM BHAWANIPUR PUR CHOWK
TO BALBHADRAPUR VIA HIMDOLWA IN BIRPUR
BHATHNAHA ROAD.

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

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

BLOCK:- BASANTPUR

ESTIMATED COST

3586110.00

प्रतिवेदन

पथ का नाम :-

Completion of Road from Hwaraspur chak to Balbhaderpur
via Hwaraspur chak Balbhaderpur

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 Road
में बाढ़ क्षतिग्रस्त मरम्मत मद से यातायात चालू करने हेतु तैयार किया गया है
जिसकी प्राक्कलित लागत 35,86,110.21 है।

उक्त पथ का निर्माण म.म.म. 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।

16/8/10/2020

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

16/8/10/2020

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

16/8/10/2020

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

Inspection Report for Flood Damage Work

Date:-.....

1.Name of PIUs:- *Sri Arjun Prasad*

2.Name of Block:- *Basonpur*

3.Name of Road:- *Cont. of Road from Bhawanipur Chowk to Balhaderpur via
Hindolara in Basonpur*

A. For Road

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 :-

B. For Bridge

1. Damage Location/Chainage:- *800 m*

2.Damage Length :- *2x100 m*

3.Nature of Damage :- *Abutment damaged*

4.Details of Restoration Works:-

(i.)Material being used in Restoration Works:- *Local Sand, R.C. bag, Bricks etc*

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

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

(iv.)Restored Length :

[Signature]
28/11/20
Signature of JE/AE/EE

[Signature]
Executive Engineer
Rural Development
Work Division, B.P.O.

[Signature]
20/11/2020
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:

CONST. OF ROAD FROM BHAWANIPUR PUR CHOWK TO BALBHADRAPUR VIA HIMDOLWA IN BIRPUR BHATHNAHA ROAD.

Block: BASANTPUR

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	1266.95	522.67	662196.76
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	423.50	3113.40	1318517.05
3	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	681.18	1751.13	1192834.73
TOTAL AMOUNT =					3173548.54
ADD 12.00 %GST=					380825.83
ADD 1 % L.CESS=					31735.49
SAY TOTAL AMOUNT =					3586109.85

3586110.00

JE 12/8/10/20

AE 12/8/10/20

EE 12/8/10/20

RWD SUB DIVISION-BASANTPUR

RWD SUB DIV.
BASANTPUR

RWD WORKS DIV. VIRPUR

Technically approved for 35,86,110.20 (Rupees thirty five lakhs eighty six thousand and twenty only).

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

SE
MADHEPURA

Detailed Estimate

Name of Road:

**CONST. OF ROAD FROM BHAWANIPUR PUR CHOWK TO BALBHADRAPUR VIA
HIMDOLWA IN BIRPUR BHATHNAHA ROAD.**

No.	Items of Works	Nos.	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.					
	APPROCH ROAD BOTH SIDE BRIDGE	2	25.00	(2.0+1.60)/2	(2+3)/2	225.00
	APPROCH ROAD BOTH SIDE BRIDGE	2	29.00	(2.0+1.80)/2	(4+3)/2	385.70
	SIDE CUTTING	2	50.00	(2.0+1.50)/2	(2+1.50)/2	306.25
	SIDE CUTTING	2	100.00	(2.0+1.50)/2	1.00	350.00
					TOTAL=	1266.95
2	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				Total Qty =	1266.95
	APPROCH ROAD BOTH SIDE BRIDGE	2	25.00	(1.0+1.60)/2	(4+3)/2	227.50
	APPROCH ROAD BOTH SIDE BRIDGE	2	29.00	(1.0+1.80)/2	(4+3)/2	284.20
	SIDE CUTTING	2	50.00	(1.0+1.50)/2	(2+3)/2	312.50
	SIDE CUTTING	2	100.00	(1.0+1.50)/2	1.50	375.00
					TOTAL=	1199.20
	Total No. of EC Bags = (756X35.315)					42349.75
					NO OF 100 BAGE=	423 54 Bags
3	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
	APPROCH ROAD BOTH SIDE BRIDGE	2	25.00	2.00	0.60	60.00
	APPROCH ROAD BOTH SIDE BRIDGE	2	29.00	1.90	0.90	99.18
	SIDE CUTTING	2	50.00	2.10	0.60	126.00
	SIDE CUTTING	2	100.00	2.20	0.90	396.00
					Total Qty. =	681.18

10/28/10/20
JE

28/10/20
AE

Am
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 :-

District:-			SUPAUL		Block :-			Total	
Sl No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km				Loading & Unloadin	Carriage Cost by Rail Head
				pucka / Surface		Katcha			
7	Local Sand	Cum	Local	8.00 x 7.10 x 2.00 Km = 4.99	8.00 x 17.82 x 1.00 Km = 4.99	Rs 28.57	99.08		Rs. 150.42
8	Brick	000 Nt	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 0.00	73.32		Rs. 374.36

* 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	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