

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

NAME OF ROAD:- KARJAIN PANCHAYAT ME REO PATH DHADHA SIMA
TO KAMAT TOLA HOTE HUYE PURBI KOSHI
TATBANDH TAK.

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

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

BLOCK:- RAGHOPUR

ESTIMATED COST

1564369.00

प्रतिवेदन

पथ का नाम
कार्य का नाम

Kanjahn Pradyut me 200 Peth Doodha Shree de kamant hote hote hua
Purbi Tatbadh Tak.

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

सलगन प्राक्कलन 10.06.2020 को प्रमण्डल में आयी भीषण बाढ़ से क्षतिग्रस्त Kanjam Pradyut me 200 Peth
Doodha Shree de kamant hote hote hua Purbi Tatbadh Tak

जिसकी प्राक्कलित लागत

15, 64, 363 है।

जस्त पथ का निर्माण

manary

यानान्तगत हुआ है एवं योजना अनुरक्षण

अवधि में 21

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 मद्दे का दर वर्तमान अनुसूचित दर के अनुरूप है।

1/28/10/20

28/10/20

28/10/20

कनिष्ठ अभियंता,

ग्रामीण कार्य विभाग,

कार्य प्रशाखा

सहायक अभियंता,

ग्रामीण कार्य विभाग,

कार्य अवर प्रमण्डल,

कार्यपालक अभियंता,

ग्रामीण कार्य विभाग,

कार्य प्रमण्डल

सि.एस.ए.

Inspection Report for Flood Damage Work

Date:-.....

1.Name of PIUs:-

Sri Arjun Ramal

2.Name of Block:-

Raghopur

3.Name of Road:-

Kargain Panchayat me R50 Path Dhadhe Sima to
Karnatola Hafe Hue Purbi Korhi Tadbadh Tak.

A. For Road

1.Damage Location/Chainage :-

0 to 400 m

2.Damage Length :-

400 m

3.Nature of Damage :-

cutting in both side

4.Details of Restoration Works:-

(i.)Material being used in Restoration Works:-

Brick bat, sc by, Local sand.

(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:-

405 m

2.Damage Length :-

25 m

3.Nature of Damage :-

cutting

4.Details of Restoration Works:-

(i.)Material being used in Restoration Works:-

Brick bat, sc by, Local sand.

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

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

(iv.)Restored Length :

200 m

Signature of JE/AE/EE

23/11/20

Executive Engineer

Rural Works Department

Vijayapur Division, Birpur

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: RAGHOPUR

KARJAIN PANCHAYAT ME REO PATH DHADHA SIMA TO KAMAT TOLA HOTE HUYE PURBI KOSHI TATBANDH TAK.
District: SUPAUL

Divison : RWD, Works Division, VIRPUR

Circle: RWD, Work Circle, Madhepura

S.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	571.89	522.67	298912.07
2	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
			16943.00	31.13	527435.59
		Per 100 Bag	169.43	3113.40	527575.41
3	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	318.60	1751.13	557910.02
	TOTAL AMOUNT =				1384397.50
	ADD 12.00 %GST=				166127.70
	ADD 1 % L.CESS=				13843.97
	SAY TOTAL AMOUNT =				1564369.17

1564369.00

10-8/10/2020
JE

10/10/20
AE

10/10/20
EE

RWD SUB DIVISION-RAGHOPUR

RWD SUB DIV.
RAGHOPUR

RWD WORKS DIV. VIRPUR

SE
MADHEPURA

*Technically approved Rs 15,64,369.17 (Repayment from
the State for Madhepura Madhepura only).*

10/10/21
Superintending Engineer
Rural Works Department
Work Circle Madhepura

Detailed Estimate

Name of Road:

**KARJAIN PANCHAYAT ME REO PATH DHADHA SIMA TO KAMAT TOLA HOTE HUYE
PURBI KOSHI TATBANDH TAK.**

	Item of Works	Nos.	L (m)	B (m)	D (m) IN (ft)	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.					
	BOTH SIDE CUTTING	2	12.00	(1+1.5+1)/3	(1+1.7)/2	37.80
	BOTH SIDE CUTTING	2	35.00	(1+1.9+2)/3	(1+2+1)/3	152.44
	BOTH SIDE CUTTING	2	35.00	(1+1.7+2)/3	(1+1.5+1)/3	127.94
	BOTH SIDE CUTTING	2	15.00	(1+1.7+1)/3	(1.9+2)/2	72.15
	BOTH SIDE CUTTING	2	20.00	(1+2+1)/3	(1+1.7+2)/3	83.56
	BOTH SIDE CUTTING	2	30.00	(1+1.5+1)/3	(1+1.2+2)/3	98.00
					TOTAL=	571.89
					Total Qty =	571.89
2	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
	APPROCH ROAD BOTH SIDE BRIDGE	2	12.00	(1.0+1.5)/2	(1+1.7+1)/3	37.00
		2	35.00	(2.5+1.5)/2	(1+2+1)/3	186.67
		2	35.00	(1.0+1.5)/2	(1+1.5+1)/3	102.08
		2	15.00	(1.0+0.5)/2	(1+1.9+2)/3	36.75
		2	20.00	(1.0+0.6)/2	(1+1.7+2)/3	50.13
		2	30.00	(1.0+0.6)/2	(1+1.2+2)/3	67.20
					TOTAL=	479.83
					Total No. of EC Bags = (479.83X35.310)	16943.80
					NO OF 100 BAGE=	169
3	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
	TOP LAYER	2	12.00	2.50	0.30	18.00
	TOP LAYER	2	35.00	2.00	0.60	84.00
	TOP LAYER	2	35.00	1.90	0.60	79.80
	TOP LAYER	2	15.00	2.00	0.60	36.00
	TOP LAYER	2	20.00	1.50	0.60	36.00
	TOP LAYER	2	30.00	1.80	0.60	64.80
					Total Qty. =	318.60

M. 28/10/22
JE

X 28/10/22
AE

Am 28/10
EE

Analysis for Carriage by Road & Rail

Name of Road:--

District:- SUPAUL

Block :-

Block :-																	
Sl No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km				Katcha	Loading & Unloadin	Carriage Cost by Rail Head	Total						
				Pucka / Surface													
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	99.08	Rs. 150.42
				4.99						4.99							
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	417.46	Rs. 684.94
				2.00						2.00							
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	73.32	Rs. 374.36
				10.00						10.00							

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/Jhama metal	Cum	342.47