



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING
FLOOD

वर्ष 2020

Detailed Project Report

Name of Road :-	Rampur Zafarpur to Galimapur Path		
District :-	Chhapra		
Block :-	Garkha		
Circle :-	R.W.D. Work Circle, Chhapra		
Construction Cost:-- ₹	5,597,429		

Submitted By:
Executive Engineer
R.W.D. Works Division,
Chhapra-I

प्रतिवेदन

पथ का नाम:- रामपुर-जाफरपुर से गलीमापुर पथ।
 पथ की लम्बाई:- 3 कि० मी०
 प्राकलित राशि:- 55,97,429.00 (पचपन लाख संतानवे हजार चार सौ उन्तीस)
 प्रखण्ड:- गंडखा
 जिला:- सारण

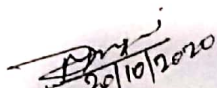
प्रस्तुत प्राक्कलन ग्रामीण कार्य विभाग, कार्य प्रमंडल, छपरा-1 के अंतर्गत बाढ़ के कारण टूटे हुए पथ एवं क्षतिग्रस्त पथों के मोटेरेबुल कार्य प्राक्कलन विभाग के निर्देशानुसार तैयार किया गया है।

विदित है कि माह जुलाई एवं सितम्बर 2020 में गंडक नदी के बांध के टूटने एवं अतिवृष्टि के कारण आई बाढ़ के कारण पथ में कई जगह बहुत ज्यादा कटाव हो गया जिसके कारण पथ आर-पार टुट गया है और कुछ पथो पर पानी का बहाव ज्यादा तेज होने से पथ को काफी क्षति हुई जिससे आवागमन बंद हो गया साथ ही दिनांक 03.11.2020 को बिहार विधान सभा का चुनाव निर्धारित है। बूथों तक वाहन का आवागमन आवश्यक है। जिस कारण से चुनाव कार्य एवं लोगों को कठिनाईयों को देखते हुए तथा उच्चाधिकारियों के निर्देशानुसार पथो को तत्काल जो बाढ़ में पथ कट कर बह गए हैं और जो पथ बाढ़ में क्षतिग्रस्त हो गए हैं। उनको मोटेरेबुल एवं टुटे गडों को भर कर पथ को चालू आवागमन बहाल करने का निर्देश दिया गया है ताकि सभी बुथो पर ^{आवागमन} सुनिश्चित हो सके।

उपरोक्त आलोक में क्षतिग्रस्त पथों में तत्काल Brick Bat एवं रब्बीस भरकर एवं बास-बल्ला तथा बोरी में लोकल बालू भरकर कटाव रोकने का प्रावधान किया गया है, ताकि वाहन का आवागमन चालू किया जा सके।

इस प्रकार प्राक्कलन में Bricks Bats भरने के साथ आवश्यक मदों का प्रावधान किया गया है।

प्राक्कलन वर्तमान अनुसूचित दर पर तैयार के आवश्यक कार्रवाई हेतु समर्पित किया जाता है।


 कनीय अभियंता
 कार्य अवर प्रमंडल, गरखा


 सहायक अभियंता
 कार्य अवर प्रमंडल, गरखा


 कनीय अभियंता
 कार्य अवर प्रमंडल, गरखा

Inspection Report for flood Damage Work

Date :-

1- Name of PIUs :- R.W.D., (W) Division, Chapra - I

2- Name of Block/Road :- GARKHA / Rampur, Zaffarpur to Galimpur Path
L = 3.0 km

A. FOR RAOD

1- Damage Location/Chainage :- ch. 0 to 3rd km

2- Damage Length :- 1029.50 M

3- Nature of Damage :- Ditches & Breach

4- Details of Restoration :-

i- Material being used in Restoration

:- Bricle bats, rubbish, sand,
Barish (Bamboo) empty cut
(Bali)

ii- Equipmen /Tools being used in Restoration Works

:- bags.

iii- Procedure taken up in Restoration Works

:- One damage portion ab road,
Laying bricle bats sand, rubbish and
with empty cane of bamboo,
Bamboo/Bansh Bali
- 1029.50 M.

iv- Restored Length

B. FOR BRIDGE

1- Damage Location/Chainage :-

2- Damage Length :-

3- Nature of Damage :-

4- Details of Restoration :-

i- Material being used in Restoration

:-

ii- Equipment/Tools being used in Restoration Works

:-

iii- Procedure taken up in Restoration Works

:-

iv- Restored Length

:-

Signature of JE/AE/EE

28/10/2020
A.E

Signature

(Name of Inspector)

ESTIMATE FOR REPAIRING / RESTORATION/ MAKING MOTORABLE ROADS DAMAGED DURING FLOOD

NAME OF ROAD :-		Rampur Zafarpur to Galimapur Path							
DISTRICT :-		Chhapra							
BLOCK :-		Garkha							
Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
1	Labour for cutting 62 mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer- in -charge.		2	60.00	4.50		540.00		
			0	27.00	4.50		0.00		
		Mtr.	total qty:-				540.00	57.76	31,190.40
2	Labour for fitting & fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-charge.		2	60.00	4.50		540.00		
			0	27.00	4.50		0.00		
		Mtr.	total qty :-				540.00	134.91	72851.40

Sl. No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
3	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.								
		cum	2	60	0.30	$(1.5+1.8)/3$	51.48		
		cum	0	27	2.00	1.00	0.00		
	total No of E C Bags =			51.48	X	35.315	1818.00		
		Each		Say No of Bage :-			1818	26.71	43558.780
4	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.								
	1st km	cum	1	12.00	6.00	$(0.750+0.950+0.800)/3$	59.98		
		cum	1	6.50	6.50	$(1.5+1.8)/2$	69.71		
		cum	1	15.00	3.00	$(1.15+0.750)/2$	42.75		
		cum	1	13.00	3.25	$(0.85+0.650+0.75)/3$	31.69		
		cum	1	15.00	3.50	$(0.850+0.750)/2$	42.00		
		cum	1	30.00	3.50	$(1.5+1.8)/2$	173.25		
		cum	1	60.00	6.50	$(0.900+1.80+1.5)/3$	546.00		
		cum	1	60.00	$(3.80+4.0+3.5)/3$	$(0.450+0.550)/2$	112.95		
		cum	1	13.00	6.50	$(1.5+1.15)/2$	111.96		
		cum	1		286.58		286.58		
	1st km Pot Hole List Attached								
		cum	1	15.50	3.25	$(0.850+0.650)/2$	37.78		
		cum	1	25.00	3.00	$(1.5+1.8)/2$	123.75		

No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
	2nd km	cum	1	5.00	3.50	$(0.8+0.4)/2$	10.50		
		cum	1	32	3.15	$(0.600+0.550)/2$	57.96		
		cum	1	8.50	3.00	$(0.650+0.750)/2$	17.85		
		cum	1	28.50	3.65	$(1.5+1.5)/2$	156.04		
	2nd km Pot Hole List Attached	cum	1	403.46					
	3rd km	cum	1	5.00	2.70	$(1.5+1.5)/2$	20.25		
		cum	1	5.00	2.80	$(1.5+1.5)/3$	21.00		
		cum	1	7.50	$(12+9.8+8.5)/3$	2.23	168.92		
		cum	1	5	2.7	$(1.8+1.5+1.00)/3$	19.31		
		cum	total qty :-					2513.68	1,909.87
									4800811.09

SL No.	DESCRIPTION OF ITEMS	Unit	Nos.	L(m)	B(m)	D(m)	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
							A) SUB TOTAL =		4953477.32
							TOTAL COST =		4953477.32
	 Junior Engineer  Asstt. Engineer  Executive Engineer								

S.E
Chhapra

SUMMARY OF COST ESTIMATE FOR THE PROJECT		
NAME OF ROAD :-	Rampur Zafarpur to Gallmapur Path	
DISTRICT :-	Chhapra	
BLOCK :-	Garkha	
Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Filling of local sand	0.00
2	Labour for cutting 62mm to 75mm dia bamboo	31190.40
3	Labour for fitting 62mm to 75mm dia bamboo	72851.40
4	Labour for filling empty cement bags with local sand	0.00
5	Supplying of EC bag, of local sand	48558.78
6	Supply and Carriage of brick bats	4800811.09
7	Supply, laying and carriage of 1000 mm HPC	0.00
8	Granular Sub-base	0.00
SUB TOTAL COST =		4953411.67
ADD GST @12% =		594409.40
Add Labour cess @ 1% =		49534.12
Add Contingency @ 1% =		0.00
TOTAL (RS.) =		5597355

J.E. *[Signature]*
20/10/20

[Signature]
20/10/20
A.E.

[Signature]
20/10/20

T/A for Rs. 55,97,355/- (Rupees fifty five lakhs. Ninety seven thousand three hundred fifty five only)

[Signature]
TECHNICAL ADVISER
RURAL WORKS DEPTT.
WORKS CIRCLE, CHAPRA

[Signature]
20.12.20
Superintending Engineer
Rural (Works) Deptt.
Works Circle, Chapra

Bill of Quantity				
NAME OF ROAD :-		Rampur Zafarpur to Galimapur Path		
DISTRICT :-		Chhapra		
BLOCK :-		Garkha		
Sl. No.	DESCRIPTION OF ITEMS	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
1	Labour for cutting 62 mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer- in -charge.	540.00	57.76	31190.40
2	Labour for fitting & fixing 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost of G.I wire or nails etc all complete job as per specification & direction of Engineer-in-charge.	540.00	134.91	72851.40
3	Supplying of EC bag, filling of local sand stitching and placing in position as the direction of Engineer-in-charge.	1818.00	26.71	48558.78
4	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	2513.68	1,909.87	4800811.09
		A) SUB TOTAL =		4953477.32
		TOTAL COST =		4953477

J.E

A.E

B.E

NAME OF ROAD :		Rampur Zafarpur to Galimapur Path				
Pot Measurment Brick Bats						
Chainage(M)		Nos.	Length (M)	Width (M)	Thickness (M)	Qty. (Cum.)
0	250	4	5.00	2.25	0.450	20.25
250	500	9	10.50	3.00	0.350	99.23
500	750	12	9.50	1.50	0.600	102.60
750	1000	8	5.00	2.15	0.750	64.50
1000	1250	20	5.00	2.25	0.300	67.50
1250	1500	10	8.50	2.00	0.450	76.50
1500	1750	11	9.50	1.50	0.750	117.56
1750	2000	22	5.00	2.15	0.600	141.90
2000				TOTAL		690.04

J. N. Singh
20/10/20
AE

20/10/20
AE

20/10/20
ER

**BASIC RATES
(A) Labour**

Sl. No.	Description of Labour	Unit	Rate (Rs.)
1	Bhisti	day	287
2	Bitumen Sprayer	day	302
3	Head Blacksmith	day	388
4	Blaster	day	477
5	Carpenter 1st Class	day	388
6	Chips spreader	day	345
7	Chiseller	day	364
8	Dresser (Skilled)	day	367
9	Driller	day	345
10	Electrician	day	367
11	Fitter	day	395
12	Mason (1st class)	day	388
13	Mason (2nd Class)	day	345
14	Mate	day	305
15	Mazdoor (Unskilled)	day	287
16	Mazdoor (Semi skilled)	day	299
17	Mazdoor (Skilled)	day	364
18	Painter (1st class)	day	367
19	Plumber	day	367
20	Surveyor	day	349
21	White Washer	day	364

J.E. *[Signature]*
20/10/2020
A.E.

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20/10/2020
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