



## *GOVERNMENT OF BIHAR*

NAME OF WORK :- Restoration work of Road from L072 to Jot Ram Rai in Barari Block, Katihar

*(FDR PART-A)*

*Restoration Length :- 1500 Km*

*Block:- Barari*

### **DETAILED PROJECT REPORT**

*UNDER FDR (2245)*

### **ESTIMATED COST**

*Rs. 6,44,425.00*

**-: PREPARED BY :-**  
**EXECUTIVE ENGINEER**  
**R.W.D. (W) DIVISION**

ग्रामीण कार्य विभाग, कार्य प्रमंडल, कटिहार।  
 बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों/पुलों की आपातकालीन मरम्मति हेतु जाँच प्रतिवेदन।  
 (वित्तीय वर्ष-2020-21)

**Block - Barari**

Sl No.	Name of District	Name of Division	Name of Road	Road Status	Length (In Km)	Estimated Cost For Restoration (In Lakh)	Remarks
1	2	3	4	5	6	7	8
1	Katihar	Katihar	Mohna Chandpur Bandh To Pratapganj	Ongoing	0.900	417145.00	Restoration Work Complete
2	Katihar	Katihar	L119- L072 To Jotram Rai	Completed	6.000	644425.00	Restoration Work Complete
3	Katihar	Katihar	PMGSY Road Idgah to Kadar Tola	Completed	0.700	804953.00	Restoration Work Complete
4	Katihar	Katihar	L076-T04 TO GORIARI (TRACK76)	Completed	1.400	341799.00	Restoration Work Complete
5	Katihar	Katihar	L058-L057 TO BAGHWA KOLE (TRACK57)	Completed	1.900	2152127.00	Restoration Work Complete
6	Katihar	Katihar	L084-L080 To Ranichak	Completed	2.200	695220.00	Restoration Work Complete
7	Katihar	Katihar	L045-L021 TO GANJ TOLA (TRACK45)	Completed	4.175	474034.00	Restoration Work Complete
8	Katihar	Katihar	PMGSY Sultan Chowk to Bari Gidarmari	Completed	1.500	567863.00	Restoration Work Complete
Total :-						6097566.000	

(ई० मृत्युजय कुमार)  
 कर्नीय अभियंता  
 ग्रामीण कार्य विभाग  
 कार्य प्रशास्त्रा, बरारी-3

(ई० फागु मंडल)  
 कर्नीय अभियंता  
 ग्रामीण कार्य विभाग  
 कार्य प्रशास्त्रा, बरारी-1,2

(ई० राम वरण सिंह)  
 सहायक अभियंता  
 ग्रामीण कार्य विभाग  
 कार्य अवर प्रमंडल, बरारी।

(ई० चन्द्रशेखर कुमार)  
 कार्यपालक अभियंता  
 ग्रामीण कार्य विभाग  
 कार्य प्रमंडल, कटिहार।

(ई० अम्यानन्द शर्मा)  
 कार्यपालक अभियंता  
 ग्रामीण कार्य विभाग  
 कार्य प्रमंडल, मनिहारी।

## तकनीकी प्रतिवेदन

पा का नाम :- अतिवृष्टि एवं बाढ़ के कारण क्षतिग्रस्त "एल072 से जोतराम राय" पथ का आकस्मिक मरम्मति कार्य (पार्ट-A)

प्रस्तुत पथ की लम्बाई :- 1500 मी०

मूलित राशि :- रु० 6,44,425.00

ना शीर्ष :- FDR (2245)

कार :- सचिव, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक-2789 दिनांक 21.08.2020

### प्रतिवेदन

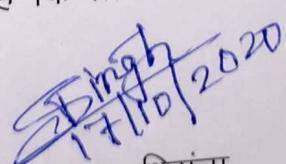
प्रस्तुत प्राक्कलन अतिवृष्टि/बाढ़ के कारण क्षतिग्रस्त पथ के पथांश का प्राक्कलन 6,44,425.00 मात्र के लिए ग्रामीण कार्य विभाग, कार्य प्रमंडल, कटिहार के द्वारा शीर्ष FDR के ग्रांत बनाया गया है।

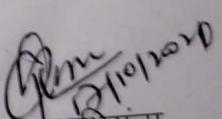
पथ के आकस्मिक मरम्मति हेतु पथांशों में Brick Bats, बॉस पाईलिंग, मिट्टी भराई एवं ली सिमेंट बैग में लोकल बालू भरकर बचाव का कार्य करते हुए यातायात पुर्नस्थापित किया गा है।

पथ मरम्मति कार्य का प्राक्कलन वर्तमान अनुसूचित दर एवं सामग्री की ढुलाई कठितम खदान से प्रावधान कर बनाया गया है। दर गणना में संवेदक लाभांश सम्मिलित नहीं हैं। उक्त कार्य को विभागीय रूप से कराये जाने हेतु आदेश प्राप्त है (प्रति संलग्न) एवं शासनिक स्वीकृति हेतु तकनीकी अनुमोदन अपेक्षित है।

प्रमाणित किया जाता है कि प्राक्कलन कार्य स्थल के अनुरूप है।

  
१३.१०.२०२०  
कर्मायुक्त अभियंता,  
बरारी

  
१३.१०.२०२०  
सहायक अभियंता,  
ग्रामकार्यालय, कार्य अवर प्रमंडल,  
बरारी

  
१३.१०.२०२०  
कार्यपालक अभियंता  
ग्रामकार्यालय, कार्य प्रमंडल,  
कटिहार।

NAME OF WORK:-

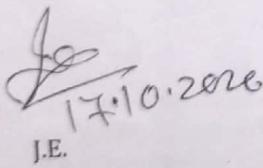
Restoration work of Road from L072 to Jot Ram Rai in Barari Block, Katihar

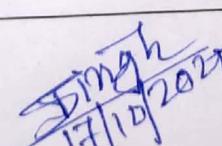
Total Length :- 6.000 Km

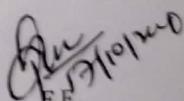
Restoration Length :- 1500 Km

### ABSTRACT OF COST

Sl. No.		Unit	Rates	Quantity	Amount
1	Providing including labour for filling empty cement bag with local sand, stitching the bag and placing including supply of sutali etc. all complete as per approved design, specification and direction of E/I	Nos	32.14	6,518.00	2,09,489.00
2	Providing, cutting and fixing of 62 mm to 75 mm dia bamboo piles in size with making shoes and driving etc. complete job as per specification and direction E/I.	Rm	47.58	375.00	17,843.00
3	providing, fitting and fixing 62 mm to 75 mm dia bamboo runners in position at every verticle pile with 150 mm long nails or 38 swg G. I. wire including cost of G.I. or nails complete job as per specification and direction of E/I	Rm	24.71	261.60	6,464.00
4	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m	Cum	283.58	603.51	1,71,143.00
5	<b>Providing and Laying of Brick Bats:</b> Placing tractor at loading point loading with front end loader dumpong, turning for return trip exluding time for haulage and return tirp	Cum	1,717.37	86.92	1,49,274.00
<b>Total Amount</b>				Rs.	5,54,213.00
Add for GST @ 12%				Rs.	66,506.00
Add for Labour Cess @ 1%				Rs.	5,542.00
Add for Seignoirage Fee				Rs.	18,164.00
<b>Gross Total Amount</b>				Rs.	6,44,425.00
Say				Rs.	6,44,425.00

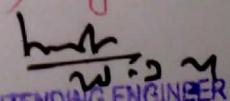
  
17.10.2020  
J.E.

  
17/10/2020  
A.E.  
RWD, Sub-Division, Barari

  
17/10/2020  
E.E.  
RWD (W) Div. Katihar

Technically approved for ₹ 6,44,425.00 (Rupees Six lac forty four thousand four hundred Twenty five) only

checked by me  
20/10/21  
A.F.

  
SUPERINTENDING ENGINEER  
R.W.D. WORKS CIRCLE PURNEA

**ME OF WORK:-****Restoration work of Road from L072 to Jot Ram Rai in Barari Block,**  
**Katihar**

Total Length :-

6.000 Km

Restoration Length :- 1500 Km

ITEM OF WORKS	Nos	Length	Breadth	Height	QTY	UNIT
Providing including labour for filling empty cement bag with local sand, stitching the bag and placing including supply of sutali etc. all complete as per approved design, specification and direction of E/I						
	1	x 6,518.000 Nos			=	6,518.00 Nos
<b>Total Quantity:-</b>					=	<b>6,518.00 Nos</b>
2 Providing, cutting and fixing of 62 mm to 75 mm dia bamboo piles in size with making shoes and driving etc. complete job as per specification and direction E/I.						
	1	x 150.000 Nos	x	2.500	m	= 375.00 m
<b>Total Quantity</b>					=	<b>375.00 m</b>
3 providing, fitting and fixing 62 mm to 75 mm dia bamboo runners in position at every verticle pile with 150 mm long nails or 38 swg G. I. wire including cost of G.I. or nails complete job as per specification and direction of E/I	4	Nos	x	65.400	m	= 261.60 m
<b>Total Quantity:-</b>					=	<b>261.60 m</b>
4 Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5						
	1	x 37.000	x ( $\frac{1.100 + 3.400}{2}$ )	x	1.200	= 99.90 Cum
	1	x 7.000	x ( $\frac{1.000 + 3.400}{2}$ )	x	1.200	= 18.48 Cum
	2	x 6.000	x ( $\frac{1.100 + 4.000}{2}$ )	x	1.500	= 45.90 Cum
	2	x 5.000	x ( $\frac{1.100 + 4.000}{2}$ )	x	1.500	= 38.25 Cum

ITEM OF WORKS	Nos	Length	Breadth	Height	QTY	UNIT
	1 x	20.000 x	( $\frac{1.100 + 2.500}{2}$ ) x	1.000 =	36.00	Cum
	4 x	12.000 x	( $\frac{1.000 + 2.500}{2}$ ) x	1.100 =	92.40	Cum
	4 x	11.500 x	( $\frac{0.980 + 2.000}{2}$ ) x	0.900 =	61.69	Cum
	2 x	30.000 x	( $\frac{0.900 + 2.100}{2}$ ) x	0.600 =	54.00	Cum
	4 x	18.500 x	( $\frac{0.750 + 2.000}{2}$ ) x	0.690 =	70.21	Cum
	3 x	13.500 x	( $\frac{0.700 + 1.900}{2}$ ) x	0.500 =	26.33	Cum
	4 x	11.500 x	( $\frac{0.650 + 1.750}{2}$ ) x	0.550 =	30.36	Cum
	3 x	10.200 x	( $\frac{0.800 + 2.000}{2}$ ) x	0.700 =	29.99	Cum
				=	603.51	Cum

Total Quantity:-

##### 5 Providing and Laying of Brick

###### Bats:

Placing tractor at loading point loading with front end loader dumpong, turning for return trip excluding time for haulage and return trip

1 x	22.000 x	( $\frac{1.300 + 1.600}{2}$ ) x	1.000 =	31.90	Cum
1 x	8.000 x	( $\frac{1.000 + 1.300}{2}$ ) x	0.600 =	5.52	Cum
1 x	9.000 x	( $\frac{0.800 + 1.000}{2}$ ) x	0.600 =	4.86	Cum
2 x	3.000 x	( $\frac{0.800 + 1.200}{2}$ ) x	0.500 =	3.00	Cum
1 x	6.000 x	( $\frac{0.400 + 1.500}{2}$ ) x	1.200 =	6.84	Cum
1 x	30.000 x	( $\frac{1.200 + 1.500}{2}$ ) x	0.800 =	32.40	Cum
1 x	10.000 x	( $\frac{0.600 + 1.000}{2}$ ) x	0.300 =	2.40	Cum
			=	86.92	Cum

Total Quantity

J.E. 17.10.2020

Singh 17/10/2020

A.E

RWD, Sub-Division, Barari

Om Prakash  
Executive Engineer  
RWD. (W) Div. Katihar.