

# RURAL WORKS DEPARTMENT



**GOVERNMENT OF BIHAR**

**CIRCLE – R.W.D. works Circle, Kishanganj**

**DIVISION – R.W.D. works Division , Kishanganj-1**

**Name of Work** - Restoration of road from Rcd to Hasib Tola

**Block** - Bahadurganj

**Estimated cost** - Rs 416149.00

Year : 2020-21

## TECHNICAL REPORT

Name of Work - FDR To Road From Red Road to Hareib Jole

Head - FDR

Estimated cost - 4.161 Lacs

The work done estimate has been framed for the restoration (motarable) of traffic for the above road which was damage during the year 2020-2021 flash flood.

**(A) Source of materials**

Brick Bats - Local Kiln

Fine sand - Local

Cement Bag - Local Market

Aggregate for G.S.B - Matigara (Silliguri) by road up to site.

Bamboo - Local


Earth - Private land from 1000m lead.

- (B) Rate** - Carriage has been analyzed on minimum lead. Finished rate has been calculated without contractor's profit on MORD norms. Carriage of materials has been added to finished rate. Basic Rates are evaluated from rates approved by State schedule rate committee. 12% GST & 1% Labour cess has been added in the estimate in abstract part.

Sanction of estimate is much needed for payment of the work which was already done.

  
13.12.20  
J.E  
R.W.D  
Kishanganj-1

  
13/12/20  
A.E  
R.W.D  
Kishanganj-1

  
14/12/20  
E.E  
R.W.D  
Kishanganj-1

Inspection Report for flood damage work

Date:

1. Name of PIUs- RWD Kishoreganj-1.

2. Name of Block/Road- Rd to Heliab Tola under Behadurganj Block.

**A. For Road**

1. Damage Location/Chainage :

2. Damage Length : 20.00 m

3. Nature of Damage : Flank Damage.

4. Details of Restoration :

i Material being used in Restoration

Rice Hips, Bamboo, sand bags,

ii Equipment/Tools being used in Restoration works:

Backhoes,

iii Procedure taken up in Restoration works

Tractor,

iv Restored Length

Manual, JCB.

20.00 m.

**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

C  
14/12/20

Signature

(Name of Inspector)

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमण्डल, अररिया

14-12-20  
JE

14/12/20  
RZ



## Detailed Estimate

Name of work :-

Restoration of road from Rcd to Hasib Tola

Sl No	Item	No	Length	Width	Height	Qty	Unit	Rate	Amount
1	Providing and laying reinforced cement concrete pipe NP3 for culverts of 1000 dia, all complete job -----E/I.	2	2.50	-	-	5.00			
		Total				5.00	RM	4781.89	23909.00
2	Providing and cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes, all complete job -----E/I	39	1.50	-	-	58.50			
		33	2.50	-	-	82.50			
		Total				141.00	sqm	50.20	7078.00
3	Providing, fitting and 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 complete job as per specification and direction of E/I.	4	35.00	-	-	140.00			
		2	30.00	-	-	60.00			
		Total				200.00	sqm	28.53	5706.00
4	Providing and filling empty cement bags with local sand, stitching the bags and placing including supply of sutli etc. all complete job ----E/I	1	35.00	1.20	1.50	63.00			
		1	30.00	0.90	1.00	27.00			
		Total				90.00	cum		
		=	3178.35 cft		Say	2649.00	Nos	38.14	101033.00
5	Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I	1	3.00	6.00	1.20	21.60			
		1	35.00	1.25	0.90	39.38			
		1	30.00	1.55	1.00	46.50			
		Total				107.48	cum	2145.02	230547.00
Total:-									Rs 368273.00
Add GST @ 12 % :-									Rs 44193.00
Add LC @ 01 % :-									Rs 3683.00
Total cost of Restoration with GST & LC:-									Rs 416149.00

13.12.2020  
J.E  
RWD  
Bahadurganj

13/12/2020  
A.E  
R.W.D  
Bahadurganj

14/12/20  
E.E  
R.W.D  
Kishanganj - I

Say Rs- 416100/-

Technically approved for ₹ 416100/-

(Rs. Four Lacs Sixteen thousand and one

hundred) only

25/11/20  
अधीक्षण अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य अंचल, किशनगंज