

# **RURAL WORKS DEPARTMENT**



**GOVERNMENT OF BIHAR**

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

**DIVISION – R.W.D. works Division , Kishanganj-2**

Name of Work - Khujurbari Belwa Pothia RCC Bridge BR-18R-311

Block - POTHIA

Estimated cost - Rs 1967875.00

Year : 2020-21

## TECHNICAL REPORT

Name of Work - FDR To Road From... *Kharubini Bahua Polhara... RCC Bridge*  
Head - FDR *BR 18 R-311*  
Estimated cost - ... *19,85,000/-* 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.

*Kun*  
J.E  
R.W.D  
Kishanganj-2

*Ypa*  
A.E  
R.W.D  
Kishanganj-2

*R.D*  
R.W.D  
Kishanganj-2

Inspection Report for flood damage work

Date:

1. Name of PIUs- E.E. R.W.D (W) DIV - Kishanganj - 2

2. Name of Block/Road- Polthay / Khujurbin Belwa Polthay R.C.C Bridge  
BR 18R-311

**A. For Road**

1. Damage Location/Chainage : 110-000m

2. Damage Length : 110-m

3. Nature of Damage : washed out Mark chainage

4. Details of Restoration :

i Material being used in Restoration

: Local sand Bales Bales  
Bamboos.

ii Equipment/Tools being used in Restoration works:

iii Procedure taken up in Restoration works

: Tractor - Manual

iv Restored Length

: 110-000m

**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

  
M.M.XX  
AB

Signature

(Name of Inspector)



**Detailed Estimate****Khujurbari Belwa Pothia RCC Bridge BR-18R-311**

No	Item	No	Length	Width	Height	Qty	Unit	Rate	Amount
1	Providing and laying reinforced cement concrete pipe NP for culverts of 600 dia, all complete job -----E/I.	12	2.50	-	-	30.00			
						Total	30.00	RM	4781.89
2	Providing and cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes, all complete job -----E/I	221	1.50	-	-	331.50			
		38	1.30	-	-	49.40			
						Total	380.90	RM	50.20
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	65.00	-	-	260.00			
		3	25.00	-	-	75.00			
						Total	335.00	RM	28.53
4	Filling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9	.1	110.00	5.30	1.30	757.90			
						757.90	cum	626.89	475120.00
5	Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I	1	110.00	5.10	0.70	392.70			
						392.70	cum	2145.02	842349.00
6	Providing and filling empty cement bags with local sand, stitching the bags and placing including supply of sutli etc. all complete job ----E/I	2	110.00	0.85	1.20	224.40			
						Total	224.40	cum	
		=	7924.69 cft		Say	6604.00	Nos	38.14	251877.00
<b>TOTAL</b>									<b>1741482.00</b>
Add 12 % GST									Rs 208978.00
Add 1 % L. Cess									Rs 17415.00
<b>Total Cost</b>									<b>Rs 1967875.00</b>

Add Sewerage Fee C/L M 17200200

Rs 19,85,075.20

Sum 19,85,000.20

*Am*  
12/12/2020  
J.E  
RWD  
POTHIA

*M*  
12/12/20  
A.E  
R.W.D  
POTHIA

*Q.E*  
12/12/20  
Kishanganj - II

Technically approved for ₹.....19,85,000/-

(Rs.....19.....Lacs.....85.....thousand and.....

.....)only

*Am*  
30/11/20  
अधीक्षण अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य अंचल, किशनगंज