

# RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

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

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

**Name of Work** - Construction of Diversion for RCC Bridge at Kathamatha to Tappu Part-3 Near Tappu Ke Pas

**Block** - Bahadurganj

**Estimated cost** - Rs 944805.00

Year : 2020-21

## TECHNICAL REPORT

Name of Work - FDR To Road From ~~old~~ <sup>diversion</sup> RCC bridge at Kathamatha to Taluk  
part-3 near Teppu Kepas CBR-18R-  
Head - FDR  
Estimated cost - 9.448 Lacs

The work done estimate has been framed for the restoration (motorable) 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.

  
09.01.2020  
J.E  
R.W.D  
Kishanganj-1

  
09.01.2020  
A.E  
R.W.D  
Kishanganj-1

  
12/12/2020  
E.E  
R.W.D  
Kishanganj-1

Date: Inspection Report for flood damage work

1. Name of PIUs- RWD, Kishen Sagar-1.

2. Name of Block/Road- Diversion of RWD bridge at Kethemetha  
to Tappu Patti 3 near Tappu Kepar  
under Behdusen Block.

**A. For Road**

1. Damage Location/Chainage : Both approach diversion construction.  
2. Damage Length : 70.00 m.  
3. Nature of Damage : -  
4. Details of Restoration :  
i Material being used in Restoration : E/W, Bricks, B.C. pipe  
ii Equipment/Tools being used in Restoration works: Tractor, TCB.  
iii Procedure taken up in Restoration works : manual.  
iv Restored Length : 70.00 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  
13-12-2020  
JE

Signature of AE  
13/12/2020  
AE

C  
13/12/2020

Signature

(Name of Inspector)

कार्यपालक अधिकारी  
प्राधीन कार्य विभाग  
कार्य प्राप्ति भारत, अरारिया

### Detailed Estimate

Name of work:-

Construction of Diversion for RCC Bridge at Kathamatha to Tappu  
Part-3 Near Tappu Ke Pas

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	6	2.50	-	-	15.00									
		0	0.00	-	-	0.00									
		Total				15.00	RM	4781.89	71728.00						
2	Construction of embankment with approved materials deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Tables 300.1 and 300.2 as per Technical Specification Clause 305.3.9	1	70.00	7.00	0.90	441.00									
		Total				441.00		189.45	83547.00						
3	Fillling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9	1	70.00	7.00	0.75	367.50									
		Total				367.50		626.89	230382.00						
4	Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I	1	70.00	5.00	0.60	210.00									
		Total				210.00		2145.02	450454.00						
Total:-									Rs 836111.00						
Add GST @ 12 % :-									Rs 100333.00						
Add LC @ 01 % :-									Rs 8361.00						
Total cost of Restoration with GST & LC:-									Rs 944805.00						

Say. RS. 944800/-

  
09-12-2020  
J.E  
RWD  
Bahadurganj

  
09/12/2020  
A.E  
R.W.D  
Bahadurganj

  
13/12/2020  
E.E  
R.W.D  
Kishanganj - I

Technically approved for Rs. 944800/-

  
(Rs. Nine Lacs Fourty seven thousand and eight hundred only)

  
25/12/2020  
आधीक्षण अभियन्ता  
आर्मीन कार्य विभाग  
कार्य अंचल, किशानगंज