

# 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 - <sup>Diversion</sup> FDR To Road From <sup>at</sup> Rec bridge at Kathamatha to Tabu  
Head - FDR  
Estimated cost - 9.448 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.

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

  
09/12/20  
A.E  
R.W.D  
Kishanganj-1

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

Inspection Report for flood damage work

Date:

1. Name of PIUs- RWD, Kishansamit-1.

2. Name of Block/Road- Diversion of Rec bridge at Kathemethe  
to Tappa pond 3 near Tappa ke bar  
under Behadraswar 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, Brick bats, Rec pipe
  - ii Equipment/Tools being used in Restoration works: Tractor, JCB.
  - 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

  
13/12/2020  
AE

  
13/12/20

  
Signature

(Name of Inspector)

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमण्डल, अररिया




## Detailed Estimate

Name of work:-


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

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	cum	189.45	83547.00
3	Filling 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	cum	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	cum	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

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

Technically approved for ₹ 944800/-

(Rs. Nine Lacs <sup>four</sup> thousand and <sup>eight</sup> hundred) only

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