

# **RURAL WORKS DEPARTMENT**



**GOVERNMENT OF BIHAR**

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

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

Name of Work - T02 to Babangaon

Block - POTHIA

Estimated cost - Rs 1219715.00

Year : 2020-21

## TECHNICAL REPORT

Name of Work – FDR To Road From.....To 2 to Babangam.....

Head – FDR

Estimated cost – ...12,30,000/- 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**

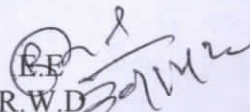
Brick Bats – Local Kiln  
Fine sand – Local  
Cement Bag – Local Market  
Aggregate for G.S.B – Matigara (Silliguri) by road up to site.  
Bamboo – Local  
Earth – Private land from 1000m lead.

**(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.

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

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

  
R.E.  
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- Pothia / TO2 to Babangan.

### **A. For Road**

1. Damage Location/Chainage : 2.100 km , 2.600 m

2. Damage Length : 138-m

3. Nature of Damage : washed out fluke chainage

4. Details of Restoration :

i Material being used in Restoration

: Local SW Baked Bales Boombus

ii Equipment/Tools being used in Restoration works:

Cement bags, rick  
shovel,

iii Procedure taken up in Restoration works

: Tractor, Manual

iv Restored Length

: 138-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

  
AB

  
Signature

(Name of Inspector)



**Detailed Estimate**  
**T02 to Babangaon**

Sl No	Item	No	Length	Width	Height	Qty	Unit	Rate	Amount
1	Providing and cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes, all complete job ----E/I	111	1.20	-	-	133.20			
		12	1.10	-	-	13.20			
		Total				146.40	RM	50.20	7349.00
2	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	55.00	-	-	220.00			
		6	15.00	-	-	90.00			
		Total				310.00	RM	28.53	8844.00
3	Fillling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9	1	55.00	1.30	1.10	78.65			
		1	25.00	1.40	1.30	45.50			
		1	28.00	2.10	1.20	70.56			
		2	30.00	2.30	1.80	248.40			
						443.11	cum	626.89	277781.00
4	Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I	1	55.00	1.30	1.20	85.80			
		1	25.00	1.40	1.10	38.50			
		1	28.00	1.50	0.30	12.60			
		2	30.00	1.40	0.65	54.60			
						191.50	cum	2145.02	410771.00
5	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	55.00	1.20	1.50	99.00			
		1	25.00	1.30	1.25	40.63			
		1	28.00	0.85	1.30	30.94			
		2	30.00	1.60	1.70	163.20			
		Total				333.77	cum		
		=	11787.09 cft		Say	9823.00	Nos	38.14	374649.00
TOTAL								1079394.00	
Add 12 % GST c								Rs 129527.00	
Add 1 % L. Cess								Rs 10794.00	
Total Cost								Rs 1219715.00	

Add Seigniorage — M 10500.00  
H 12,30215.00  
Says 12,30,000 = 00

*[Signature]*  
J.E  
RWD  
POTHIA

*[Signature]*  
A.E  
R.W.D  
POTHIA

*[Signature]*  
R.W.D  
Kishanganj - II

Technically approved for ₹ 12,30,000/-

Rs. Twelve Lacs. Thirty thousand and

only

*[Signature]*  
अधीक्षण अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य अंचल, किशनगंज