

# RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

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

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

Name of Work - L045 T05 To Raypur To Baksa Sarsabadi Tola

Block - Pothia

Estimated cost - Rs 580090.00

FDR  
Year : 2020-21

## TECHNICAL REPORT

Name of Work - FDR To Road From... *104.5 To 5. Panipat to Raksa Sarababhi*  
Head - FDR *toley*  
Estimated cost - *5.85000/-* 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.

*[Signature]*  
J.E  
R.W.D  
Kishanganj-2

*[Signature]*  
A.E  
R.W.D  
Kishanganj-2

*[Signature]*  
E.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-

Polthara / Lo 45 To 5 to Raypur to Bakesa  
Sarsabadi toley

## **A. For Road**

1. Damage Location/Chainage : 0.800 km

2. Damage Length : 94.00 m

3. Nature of Damage : washed out flank Damage

4. Details of Restoration :

i Material being used in Restoration

: Local SD, Bakes Bates.

ii Equipment/Tools being used in Restoration works:

Bambo.

iii Procedure taken up in Restoration works

: Tractor, manual

iv Restored Length

: 94.00 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

  
M. M. X  
ABZ

Signature

(Name of Inspector)



Name of work :-

# **Detailed Estimate** L045 T05 To Raypur To Baksa Sarsabadi Tola

Sl. No.	Item	No	Length (avg.)	Width (avg.)	Height (avg.)	Qty	Unit	Rate	Amount
1	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 301.5	1	15.00	2.15	1.15	37.09			
		1	35.45	2.20	1.20	93.59			
		1	44.12	2.50	0.80	88.24			
					Total	218.92	cum	189.45	41474.00
2	Providing and cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes, all complete job ----E/I	185	2.30	-	-	425.50			
		135	2.10	-	-	283.50			
					Total	709.00	RM	50.20	35592.00
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.	6	105.00	-	-	630.00			
		4	85.00	-	-	340.00			
					Total	970.00	RM	28.53	27674.00
4	Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I	1	15.00	1.35	0.50	10.13			
		1	35.45	1.35	1.25	59.82			
		1	44.12	1.45	0.65	41.58			
					Total	111.53	cum	2145.02	239234.00
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	15.00	1.20	1.25	22.50			
		1	35.45	1.35	1.30	62.21			
		1	44.12	1.25	1.20	66.18			
					Total	150.89	cum		
		=	5328.68 cft	Say	4441.00	Nos	38.14	169380.00	
<b>TOTAL</b>									<b>513354.00</b>
							Add 12 % GST=	Rs 61602.00	
							Add 1 % L.Cess=	Rs 5134.00	
							<b>Total Cost</b>	<b>Rs 580090.00</b>	

Add Designing fee (11 M 50000/-)  
M 585090.00  
Sum M 5,85,000.00

*Kun*  
J.E  
RWD  
Pothia

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

*[Signature]*  
E.E  
R.W.D  
Kishanganj - 2

Technically approved for Rs 5,85,000/-

(Rs Five Lacs eighty five thousand and)

only

*[Signature]*  
30/12/16

अधीक्षण अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य अंचल, किशनगंज