

# RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

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

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

Name of Work - L057-T03 to Ghiyagaon (TRACK57)

Block - Pothia

Estimated cost - Rs 1163869.00

FDR  
Year : 2020-21

## TECHNICAL REPORT

Name of Work – FDR To Road From... 1057- To 3 to Chiyagan

Head – FDR

Estimated cost – 11.73 8004.5 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

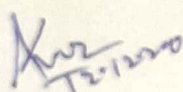
Aggregate for G.S.B – Matigara (Silliguri) by road up to site.

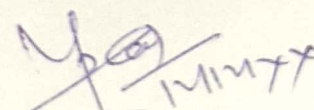
Bamboo – Local

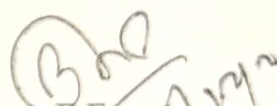
Earth – Private land from 1000m lead.

- (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.

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

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

  
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- Kithagaon-2

2. Name of Block/Road-

Polthra / L057-TO3 to Whiyagaon

### **A. For Road**

1. Damage Location/Chainage : 0.800 km

2. Damage Length : 42-m

3. Nature of Damage : Washed out flank damage

4. Details of Restoration :

i Material being used in Restoration

: Local Sand Bulky Bales  
Bamboos.

ii Equipment/Tools being used in Restoration works:

: Truelum - Manual

iii Procedure taken up in Restoration works

:

iv Restored Length

:

42-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:

:

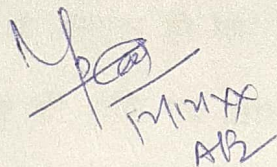
iii Procedure taken up in Restoration works

:

iv Restored Length

:

Signature of JE/AE/EE

  
M. M. X  
A. B.

Signature

(Name of Inspector)



# Detailed Estimate

L057-T03 to Ghiyagaon (TRACK57)

S. 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	42.00	6.25	2.35	616.88			
					Total	616.88	cum	189.45	116867.00
2	Providing and cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes, all complete job ----E/I	110	2.30	-	-	253.00			
		15	2.10	-	-	31.50			
					Total	284.50	RM	50.20	14282.00
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.	4	28.00	-	-	112.00			
		4	85.00	-	-	340.00			
					Total	452.00	RM	28.53	12896.00
4	Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I	1	42.00	5.15	1.50	324.45			
					Total	324.45	cum	2145.02	695952.00
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	2	42.00	1.55	1.30	169.26			
					Total	169.26	cum		
		=	5977.42 cft		Say	4981.00	Nos	38.14	189975.00
<b>TOTAL</b>									<b>1029972.00</b>

Add 12 % GST=	Rs 123597.00
Add 1 % L.Cess=	Rs 10300.00
<b>Total Cost</b>	<b>Rs 1163869.00</b>

Add Signature Fee of Rs 10000.00  
 AS 1173869.00  
 Say Rs 1173800.00

*Kw*  
 12.12.2020  
 J.E  
 RWD  
 Pothia

*A.E*  
 21/12/20  
 A.E  
 R.W.D  
 Pothia

*R.D*  
 30/12/20  
 R.W.D  
 Kishanganj - 2

Technically approved for ₹ 11,73,800/-

(Rs. Eleven Lacs Seven thousand and Eight

hundred) only

*30/12/20*  
 अधीक्षण अभियन्ता  
 ग्रामीण कार्य विभाग  
 कार्य अंचल, किशंगंज