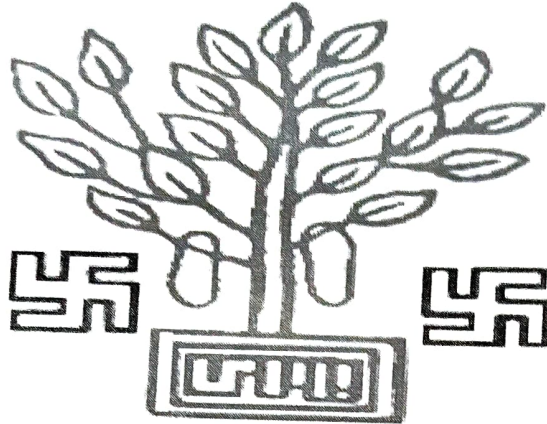


(6)

## RURAL WORKS DEPARTMENT



### GOVERNMENT OF BIHAR

NAME OF ROAD:- T12 BHARELI TO DUMRAUA

DIVISION:- R.W.D, WORKS DIVISION, FORBESGANJ

CIRCLE:- R.W.D, WORK CIRCLE, KISHANGANJ

BLOCK:- RANIGANJ

#### ESTIMATED COST

692750.00

Inspection Report for flood damage work

Date:

Name of PIUs- RWD for begai

Name of Block/Road- Rangay/T12 Bhareli to Dumraua

for Road

Damage Location/Chainage : 4.2 km & 4.3 km

Damage Length : 75 + 48 = 123 m

Nature of Damage :

Details of Restoration :

Material being used in Restoration

Equipment/Tools being used in Restoration works: Local sand, Ecobag, Bamboo pile

Procedure taken up in Restoration works: 2 B/Bats Equipment used only

Restored Length : Tractor & Trolley filling all cuts properly in damage area.

for Bridge

Damage Location/Chainage :

Damage Length : 75 + 48 = 123 m

Nature of Damage :

Details of Restoration :

Material being used in Restoration

Equipment/Tools being used in Restoration works:

Procedure taken up in Restoration works :

Restored Length :

N.A.

By  
01/12

Name of JE/AE/EE

C

Signature

(Name of Inspector)

# Abstract of Cost

**Name of Work :** Estimate for Repairing/Restoration/Making Motorable Roads Damaged during flood in 2020 in ARARIA District

**Name of Road:**

**Block:** RANIGANJ

**T12 BHARELI TO DUMRAUA**

**District:** ARARIA

**Division :** RWD, Works Division, FORBESGANJ

**Circle:** RWD, Work Circle, KISHANGANJ

No.	Description	Unit	Quantity (m3)	Rate (Rs)	Amount (Rs)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.				
		Cum	238.80	627.77	149911.48
2	Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.				
		Mtr.	922.50	75.86	69980.85
3	Labour for fitting & fixing 62mm to 75mm 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 etc all complete job as per specification & direction of Engineer-in-Charge.				
		Mtr.	246.00	40.06	9854.76
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
		Per Bags	10409.10	37.35	388779.74
	<b>TOTAL AMOUNT =</b>				<b>618526.83</b>
	<b>ADD 12.00 %GST=</b>				<b>74223.22</b>
	<b>SAY TOTAL AMOUNT =</b>				<b>692750.05</b>

692750.00

6/11/20

JE

RWD SUB DIVISION-RANIGANJ

6/11/20  
AE

RWD SUB DIV.  
RANIGANJ

6/11/20

RWD WORKS DIV. FORBESGANJ

Technically Approved for Rs 6,92,750.00 (Rupees Six  
Lakhs Ninety two Thousand Seven hundred fifty) only.

Superintending Engineer  
Rural Works Department  
Works Circle, Kishanganj

SE  
KISHANGANJ



# Detailed Estimate

me of Road:

## T12 BHARELI TO DUMRAUA

No.	Items of Works	Nos.	L (m)	B (m)	D (m) IN (Av.)	Quantity (m3)
	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.					
		1	75.00	2.30	$(1.20+0.40)/2$	138.00
		1	48.00	2.40	$(1.30+0.45)/2$	100.80
					TOTAL=	238.80
					Total Qty =	238.80
	Labour for cutting 62mm to 75mm dia bamboo piles to size and making shoes & driving by jet machine etc. all complete job as per specification & direction of Engineer-in-Charge.					
		1	75.00	2.50	3.00	562.50
		1	48.00	2.50	3.00	360.00
					Total Qty =	922.50
	Labour for fitting & fixing 62mm to 75mm 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 etc all complete job as per specification & direction of Engineer-in-Charge.					
		1	75.00	2.00		150.00
		1	48.00	2.00		96.00
					Total Qty =	246.00
	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
		1	75.00	2.50	$(1.0+0.80)/2$	168.75
		1	48.00	2.50	$(1.40+0.70)/2$	126.00
					TOTAL=	294.75
					Total No. of EC Bags =(294.75X35.315)	10409.10
					SAY NO OF BAGE=	10409

26/10/20

JE

26/10/20

AE

EE

RWD SUB DIV- RANIGANJ

RWD SUB DIV. RANIGANJ RWD WORKS DIV. FORBESGANJ

# Analysis for Carriage by Road & Rail

RESTORATION OF ROAD FROM JUMAN CROSSING TO KAMPUR ROAD TO 19.196. A MAHARASHTRA

NAME OF ROAD:-

Block :- Forbesganj

Araria

District:-

Sl No	Item with Source	Unit	Source	Pukka / Surface		Kachha		Loading & Unloading Cost	Carriage Cost by Rail Road	Total	Min. Total
				8.00 4.99	x 7.52	x 20.00 Km = Rs 211.12	8.00 4.99	x 18.19	x 0.00 Km = Rs 0.00		
2	Stone Metal Gr-III/CSB (Pakur by Rail 254 Km)	Cum	Mirzachowki	8.00 4.99	x 7.52	x 55.00 Km = Rs 663.09	8.00 4.99	x 18.19	x 0.00 Km = Rs 0.00		
5	Course Sand	Cum	Jagdishpur	8.00 4.99	x 7.52	x 348.00 Km = Rs 4195.53	8.00 4.99	x 18.19	x 0.00 Km = Rs 0.00		
7	Local Sand	Cum	Local	8.00 6.29	x 16.27	x 8.00 Km = Rs 165.55	8.00 6.29	x 25.43	x 1.00 Km = Rs 32.34		
8	Brick	1000 Nos	Local	8.00 6.29	x 16.27	x 8.00 Km = Rs 165.55	8.00 6.29	x 25.43	x 1.00 Km = Rs 32.34		
9	Cement	MT	Forbesganj	8.00	x 7.52	x 25.00 Km = Rs 188.00	8.00	x 18.19	x 0.00 Km = Rs 0.00		
13	Hume Pipe (1000 mm)	M	Barpur	8.00 10.00	x 16.27	x 95.00 Km = Rs 846.04	8.00 10.00	x 25.43	x 1.00 Km = Rs 26.34		

Cost of Haulage Excluding Loading & Unloading as per SOR

Type of Road	Per Ton. Km by TRACTOR	Per Ton. Km by TRUCK
For Surface Road	16.27	
Unsurface Gravel Road	20.33	
Kachha Road	25.43	18.19