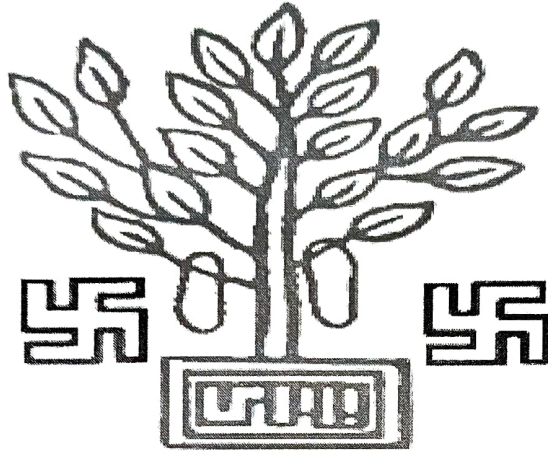


(11)

# RURAL WORKS DEPARTMENT



## GOVERNMENT OF BIHAR

NAME OF ROAD:- MIRJAPUR KUMRHA TO KABAEYA

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

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

BLOCK:- RANIGANJ

### ESTIMATED COST

1191952.00

Inspection Report for flood damage work

Date:

1. Name of PIUs- *RH2 Forbesgan*

2. Name of Block/Road- *Raniganj, Mirzapur Kharhar to Kabayal*

**A. For Road**

1. Damage Location/Chainage :

2. Damage Length : *55 M*

3. Nature of Damage : *road cutting due to flood*

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 :

*EC bag, local sand, bamboo  
piling & brace but filling cutting  
55m*

**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 :

*N/A*

*[Signature]*  
Signature of JE/AE/EE

*[Signature]*

*[Signature]*  
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

**MIRJAPUR KUMRHA TO KABAEYA**

**District:** ARARIA

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

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

Sl 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	109.16	627.77	68528.00
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.	984.00	75.86	74646.24
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.	492.00	40.06	19709.52
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
		Per Bags	4334.56	37.35	161895.93
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	395.34	1870.43	739462.81
TOTAL AMOUNT =					1064242.50
ADD 12.00 %GST=					127709.10
SAY TOTAL AMOUNT =					1191951.60

1191952.00

*[Signature]*

JE

RWD SUB DIVISION-RANIGANJ

*[Signature]*  
AE

RWD SUB DIV.  
RANIGANJ

*[Signature]*  
EE

RWD WORKS DIV. FORBESGANJ

Technically Approved for Rs 11,91,952  
(Rupees Eleven Lakh Ninety one Thousand Nine Hundred and Fifty Two Only)  
11/9/20

SE  
KISHANGANJ

*[Signature]*  
Superintending Engineer  
Rural Works Department  
Works Circle, Kishanganj



## Detailed Estimate

Name of Road:

### MIRJAPUR KUMRHA TO KABAEYA

No.	Items of Works	Nos.	L (m)	B (m)	D (m) IN (Av.)	Quantity (m3)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.					
		1	16.00	2.00	$(1.00+1.20)/2$	35.20
		1	9.00	2.20	$(1.00+1.20)/2$	21.78
		1	12.20	1.50	$(1.00+1.20)/2$	20.13
		1	6.00	1.80	0.80	8.64
		1	6.70	1.90	0.70	8.91
		1	14.50	2.00	0.50	14.50
					TOTAL=	109.16
					Total Qty =	109.16
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.					
		2	14.00	3.00	2.00	168.00
		2	9.00	3.00	2.00	108.00
		2	17.00	3.00	2.00	204.00
		2	42.00	3.00	2.00	504.00
					Total Qty =	984.00
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.					
		2	14.00	3.00		84.00
		2	9.00	3.00		54.00
		2	17.00	3.00		102.00
		2	42.00	3.00		252.00
					Total Qty =	492.00
	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
		2	12.20	1.00	1.60	39.04
		1	9.00	1.00	1.40	12.60
		1	17.00	1.00	1.60	27.20

		2	6.00	1.00	1.00	12.00
		2	14.50	1.00	1.10	31.90
					TOTAL=	122.74
Total No. of EC Bags =(122.74X35.315)						4334.56
					SAY NO OF BAGE=	4335
4	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
		1	17.00	2.00	(0.30+0.45)/2	12.75
		1	9.00	2.00	(0.30+0.45)/2	6.75
		2	12.00	2.00	(0.30+0.45)/2	18.00
		1	6.00	1.50	0.30	2.70
		1	7.00	1.50	0.30	3.15
		1	24.00	(7.00+6.00)/2	(1.50+2.50)/2	312.00
		2	15.00	1.60	0.30	14.40
		1	13.00	(5.00+5.50)/2	(0.30+0.45)/2	25.59
		Total Qty. =				395.34

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6/11/20  
JE

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AE 11/12

EE

RWD SUB DIV- RANIGANJ

RWD SUB DIV. RANIGANJ    RWD WORKS DIV. FORBESGANJ



**Analysis for Carriage by Road & Rail**  
RESTORATION OF ROAD FROM JUMMAN CHOWK TO RAMPUR ROAD TO DURGA MANDIR VIA

NAME OF ROAD:-

Block :- Forbesganj

District:- Araria

Sl No	Item with Source	Unit	Source	Pukka / Surface		Katcha		Loading & Unloading Cost	Carriage Cost By Rail Head	Total	Min Total
				8.00 4.99	x 7.52 x 20.00 Km	= Rs 241.12 = Rs 663.09	8.00 4.99	x 18.19 x 0.00 Km	= Rs 0.00 = Rs 0.00		
2	Stone Metal Gr-III/CSB (Ukur by Rail 254 Km)	Cum	Mirzachowki	8.00 4.99	x 7.52 x 55.00 Km	= Rs 663.09 = Rs 4195.53	8.00 4.99	x 18.19 x 0.00 Km	= Rs 0.00 = Rs 0.00	1724.83 1672.35	Rs 1789.83
5	Stone Metal Gr-III/CSB	Cum	Jagdishpur	8.00 4.99	x 7.52 x 348.00 Km	= Rs 4195.53 = Rs 165.55	8.00 4.99	x 18.19 x 1.00 Km	= Rs 0.00 = Rs 32.34	102.59 102.59	Rs 4298.12 Rs 309.48
7	Course Sand	Cum	Local	8.00 6.29	x 16.27 x 8.00 Km	= Rs 165.55 = Rs 165.55	8.00 6.29	x 25.43 x 1.00 Km	= Rs 32.34 = Rs 32.34	199.21 199.21	Rs 386.10
8	Local Sand	1000 Nos	Local	8.00 6.29	x 16.27 x 8.00 Km	= Rs 165.55 = Rs 188.00	8.00 6.29	x 25.43 x 1.00 Km	= Rs 32.34 = Rs 0.00	309.64 96.59	Rs 497.64
9	Brick	MT	Forbesganj	8.00	x 7.52	= Rs 188.00	8.00	x 18.19	= Rs 0.00		
13	Cement	M	Forbesganj	8.00	x 16.27	= Rs 846.04	8.00	x 25.43	= Rs 20.34		Rs 962.97
	Hume Pipe (1000 mm )	M	Rampur	10.00	x 16.27	= Rs 846.04	10.00	x 25.43	= Rs 20.34		

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	7.52
Unsurface Gravel Road	20.33	9.04
Kachha Road	25.43	18.19

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