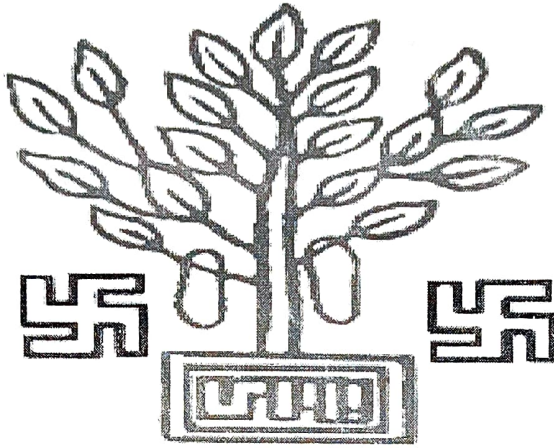


5

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

NAME OF ROAD:- **BASO MUSHAHARI TO THAKUR TOLA**

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

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

BLOCK:- **RANIGANJ**

ESTIMATED COST

1615143.00

Abstract of Cost

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

Name of Road:

BASO MUSHAHARI TO THAKUR TOLA

Block: RANIGANJ

District: ARARIA

Division : RWD, Works Division, FORBESGANJ

Circle: RWD, Work Circle, KISHANGANJ

Sl No.	Description	Unit	Quantity (m ³)	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.				
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.	Cum	1202.81	627.77	755089.60
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.	900.00	75.86	68274.00
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.	Mtr.	300.00	40.06	12018.00
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	Per Bags	12713.40	37.35	474845.49
		Cum	70.50	1870.43	131865.32
	TOTAL AMOUNT =				1442092.41
	ADD 12.00 %GST=				173051.09
	SAY TOTAL AMOUNT =				1615143.50

Je
JE

AE
AE

1615143.00

EE
EE

RWD SUB DIVISION-RANIGANJ

RWD SUB DIV.

RANIGANJ:

RWD WORKS DIV. FORBESGANJ

Technically Approved Rs 1615143/- (Sixty lakh fifteen thousand one hundred forty three) only

SE
SE

KISHANGANJ

Detailed Estimate

Name of Road:

BASO MUSHAHARI TO THAKUR TOLA

Sl No.	Items of Works	Nos.	L (m)	B (m)	D (m) IN (Avg.)	Quantity (m ³)
1	Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.					
		1	35.00	(5.00+8.50)/2	(3.50+4.00)/2	885.94
		1	15.00	(5.00+8.00)/2	(3.50+3.00)/2	316.88
					TOTAL=	1202.81
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.				Total Qty =	1202.81
		2	35.00	3.00	3.00	630.00
		2	15.00	3.00	3.00	270.00
					Total Qty =	900.00
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	35.00	3.00		210.00
		2	15.00	3.00		90.00
					Total Qty =	300.00
3	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
		2	35.00	1.00	(3.50+4.00)/2	262.50
		2	15.00	1.00	(3.50+3.00)/2	97.50
					TOTAL=	360.00
					Total No. of EC Bags =(425X35.315)	12713.40
4	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				SAY NO OF BAGE=	12713
		1	35.00	5.00	0.30	52.50
		1	15.00	4.00	0.30	18.00
					Total Qty. =	70.50

Arshad
6/11/20
JE

Arshad
6/11/20
AE

EE

RWD SUB DIV - RANIGANJ

RWD SUB DIV. RANIGANJ

RWD WORKS DIV. FORBESGANJ

Inspection Report for flood damage work

Date:

1. Name of PIUs- RWD, Forbesganj

2. Name of Block/Road- Raniganj/ Baso mushai to Thakur Tola

A. For Road

1. Damage Location/Chainage : 0.050 mtr, 1350 mtr

2. Damage Length : 35+15

3. Nature of Damage : Deep up to 3.50 mtr - 4 mtr 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

: Local Sand Sand bags bamboo
bricke batels

: Trailer & Trolley used

: 50 mtr in fully less

B. For Bridge

1. Damage Location/Chainage : ~~0.050 mtr, 1350 mtr~~

2. Damage Length :

3. Nature of Damage :

4. Details of Restoration :

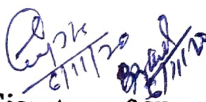
i Material being used in Restoration

ii Equipment/Tools being used in Restoration works:

iii Procedure taken up in Restoration works

iv Restored Length

N.A.


Signature of JE/AE/EE


Signature

(Name of Inspector)

Analysis for Carriage by Road & Rail

NAME OF ROAD:-

RESTORATION OF ROAD FROM JUMMAN CHOWK TO RAMPUR ROAD TO DURGA MANDIR VIA

District:-

Araria

Block :- Forbesganj

Sl No	Item with Source	Unit	Source	Pucka / Surface		Katcha		Loading & Unloading Cost	Carriage Cost by Rail Head	Total	Min Total
2	Stone Metal Gr-III/GSB (Pakur by Rail 259 Km)	Cum	Mirzachowki	$\frac{8.00}{4.99}$	x 7.52 x 20.00 Km = Rs 241.12	$\frac{8.00}{4.99}$	x 18.19 x 0.00 Km = Rs 0.00				
	Stone Metal Gr-III/GSB	Cum	Mirzachowki	$\frac{8.00}{4.99}$	x 7.52 x 55.00 Km = Rs 663.09	$\frac{8.00}{4.99}$	x 18.19 x 0.00 Km = Rs 0.00	189.26			
5	Course Sand	Cum	Jagdishpur	$\frac{8.00}{4.99}$	x 7.52 x 348.00 Km = Rs 4195.53	$\frac{8.00}{4.99}$	x 18.19 x 0.00 Km = Rs 0.00	102.59			
	Local Sand	Cum	Local	$\frac{8.00}{6.29}$	x 16.27 x 8.00 Km = Rs 165.55	$\frac{8.00}{6.29}$	x 25.43 x 1.00 Km = Rs 32.34	102.54			
8	Brick	1000 Nos	Local	$\frac{8.00}{6.29}$	x 16.27 x 8.00 Km = Rs 165.55	$\frac{8.00}{6.29}$	x 25.43 x 1.00 Km = Rs 32.34	146.21			
	Cement	MT	Forbesganj	$\frac{8.00}{6.29}$	x 7.52 x 25.00 Km = Rs 188.00	$\frac{8.00}{6.29}$	x 18.19 x 0.00 Km = Rs 0.00	309.64			
13	Hume Pipe (1000 mm)	M	Buapur	$\frac{8.00}{10.00}$	x 16.27 x 65.00 Km = Rs 846.04	$\frac{8.00}{10.00}$	x 25.43 x 1.00 Km = Rs 20.34	94.59			

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	25.43
Unsurface Gravel Road	20.33	30.11
Kachha Road	25.43	18.19

