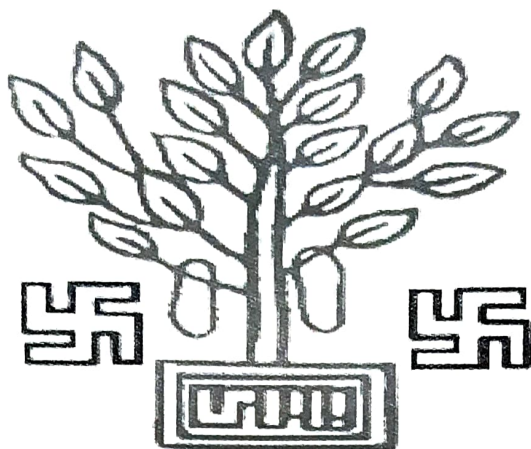


2

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

NAME OF ROAD:- RESTORATION OF ROAD FROM T02 TO BAIGJAN
TOLA

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

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

BLOCK:- NARPATGANJ

ESTIMATED COST

2365526.00

Inspection Report for flood damage work

Date:

1. Name of PIUs-

RWD Farbesganj.

2. Name of Block/Road-

Raniganj To 2 to Baigan.

A. For Road

1. Damage Location/Chainage : $17m + 35m + 85m = 132m$

2. Damage Length :

3. Nature of Damage : Flood Damage depth up to 2.5m and side cutting

4. Details of Restoration :

i Material being used in Restoration

: Local Sand, 2c Bag, Bamboo Pile and B/Bals

ii Equipment/Tools being used in Restoration works:

: Equipment used only Tractor & Trolley

iii Procedure taken up in Restoration works

: Filling all cuts properly in damage Area.

iv Restored Length

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

NA



Signature of JE/AE/EE





Signature

(Name of Inspector)

Abstract of Cost

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

Name of Road:

RESTORATION OF ROAD FROM T02 TO BAIGJAN TOLA

Block: RANIGANJ

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	1323.71	627.77	830986.45
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.	1866.00	75.86	141552.15
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.	792.00	40.06	31727.97
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
		Each	22370.17	37.35	835452.44
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	103.50	1870.43	193589.79

6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.				
		meter	15.00	5251.25	78768.69
		TOTAL AMOUNT =			2112077.00
		ADD 12.00 %GST=			253449.00
		SAY TOTAL AMOUNT =			2365526.00



JE
RWD WORKS
DIV.
FORBESGANJ

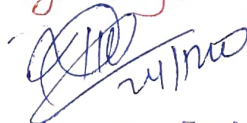


AE
RWD WORKS DIV. FORBESGANJ



E.E.
RWD WORKS
DIV. FORBESGANJ

Technically Approved for Rs 2365526/- (Rupees Twenty three
lacs Sixty five thousand five hundred twenty six) only



Superintending Engineer
Rural Works Department
Works Circle, Kishanganj

Abstract of Cost

Name of Work : Estimate for Repairing/Restoration/Making Motorable Roads
Damaged during flood in JULY 2019 in ARARIA District

Name of Road:

RESTORATION OF ROAD FROM T02 TO BAIGJAN TOLA

Block: RANIGANJ

District: ARARIA

Division : 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	1323.71	627.77	830986.45
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.	1866.00	75.86	141552.15
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.	792.00	40.06	31727.97
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
		Each	22370.17	37.35	835452.44
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	103.50	1870.43	193589.79
6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.				
		meter	15.00	5251.25	78768.69
Total Amount (in Rs) =					2112077.49



JE

RWD WORKS
DIV.
FORBESGANJ



AE

RWD WORKS DIV. FORBESGANJ

E.E.

RWD WORKS
DIV. FORBESGANJ

Detailed Estimate

Name of Road:

RESTORATION OF ROAD FROM T02 TO BAIGIAN TOLA

Sl No.	Items of Works	No.	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	17.00	(6.5+5.5)/2	(1.5+3.1+1.5)/3	207.40
		1	30.00	(5.2+4.5)/2	(2.4+3.2+2.4)/3	388.00
		1	85.00	(5.2+4.5)/2	(1.4+2.5+1.4)/3	728.31
					TOTAL=	1323.71
					Total Qty =	1323.71
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	17.00	3.00	3.00	306.00
		2	30.00	3.00	3.00	540.00
		2	85.00	3.00	2.00	1020.00
					Total Qty =	1866.00
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	17.00	3.00		102.00
		2	30.00	3.00		180.00
		2	85.00	3.00		510.00
					Total Qty =	792.00
2	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
		2	17.00	(1.2+1.5)/2	(1.5+3.1+1.5)/3	93.33
		2	30.00	(1.2+1.5)/2	(1.8+2.5+1.8)/3	164.70
		2	85.00	(1.0+1.5)/2	(1.4+2.5+1.4)/3	375.42
		0	0.00	0.00	0.00	0.00
					TOTAL=	633.45
					Total No. of EC Bags =304.83X35.315)	22370.17
					SAY NO OF BAGE=	22370
3	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
		1	115.00	6.00	0.20	103.50
		1	0.00	0.00	0.15	0.00
		1	0.00	0.00	0.30	0.00
					Total Qty. =	103.50
4	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.	3	2.00	2.50		15.00
		1	0.00	2.50		0.00
					Total Qty. =	15.00

JE

AE

EE

Analysis for Carriage by Road & Rail
RESTORATION OF ROAD FROM T02 TO BAIGIAN TOLA

NAME OF ROAD:-

District:- Araria Block :- RANIGANJ

Sl No	Item with Source	Unit	Source	Pucka / 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	8.00 4.99	x 18.19 x 0.00 Km =	Rs 0.00		
2	Stone Metal Gr-II/GSB (Pakur by Rail 259 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	1789.83	Rs. 1789.83
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	852.35	Rs. 4298.12
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	102.59	Rs. 300.48
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	188.21	Rs. 386.10
9	Cement	MT	Forbesganj	8.00	x 7.52	= Rs 188.00	8.00	x 18.19	= Rs 0.00	309.64	Rs. 497.64
13	Hume Pipe (1000 mm)	M	Birpur	8.00 10.00	x 16.27 x 55.00 Km =	Rs 715.88	8.00 10.00	x 25.43 x 1.00 Km =	Rs 20.34	96.59	Rs. 832.81

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