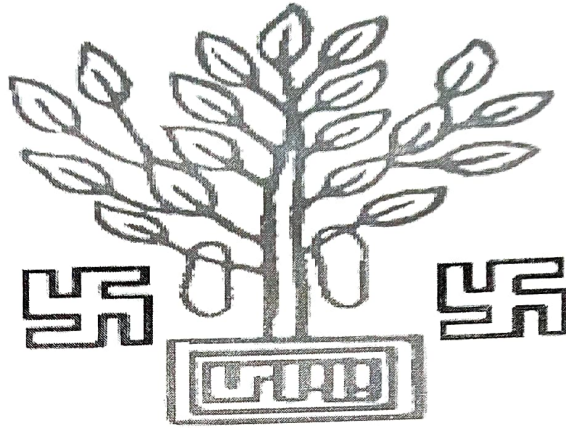


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# RURAL WORKS DEPARTMENT



## GOVERNMENT OF BIHAR

NAME OF ROAD:- **DINABADRI STHAN TO TARANAND  
MANDAL**

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

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

BLOCK:- **RANIGANJ**

### ESTIMATED COST

917485.00

Inspection Report for flood damage work

Date:

1. Name of PIUs- RHD Fobesgan

2. Name of Block/Road- Ronigens, Dirabadi sthan to Tarachad Mandel

**A. For Road**

1. Damage Location/Chainage :

2. Damage Length : 15 M.

3. Nature of Damage : cutting due to flood

4. Details of Restoration :

i Material being used in Restoration :

Ec bag, bamboo pilling,

ii Equipment/Tools being used in Restoration works:

H.P. local saw falling in cutting

iii Procedure taken up in Restoration works :

iv Restored Length :

15 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 :

NA

ii Equipment/Tools being used in Restoration works:

iii Procedure taken up in Restoration works :

iv Restored Length :

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 2020 in ARARIA District

**Name of Road:**

**DINABADRI STHAN TO TARANAND MANDAL**

**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	310.50	627.77	194922.59
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.	620.00	75.86	47033.20
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.	210.00	40.06	8412.60
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
		Per Bags	10213.10	37.35	381459.21
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	57.00	1870.43	106614.51
6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.				
		meter	15.00	5382.71	80740.65
	<b>TOTAL AMOUNT =</b>				<b>819182.76</b>
	<b>ADD 12.00 %GST=</b>				<b>98301.93</b>
	<b>SAY TOTAL AMOUNT =</b>				<b>917484.69</b>

917485.00

*6/11/20*

JE

*6/11/20*  
AE

RWD SUB DIV.

RANIGANJ

*6/11/20*  
EE

RWD WORKS DIV. FORBESGANJ

RWD SUB DIVISION-RANIGANJ

*Technically approved For Rs. 9,17,485.00 (Rupees Nine Lacs-Seventeen - Thousand Four hundred Eighty Five) only.*

SE  
KISHANGANJ

*6/11/20*  
**Superintending Engineer**  
Rural Works Department  
Works Circle, Kishanganj



# Detailed Estimate

Name of Road:

DINABADRI STHAN TO TARANAND MANDAL

Sl 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	5.00	5.00	3.10	77.50
		1	6.00	5.00	3.50	105.00
		1	8.00	5.00	3.20	128.00
		Total Qty =				310.50
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.					
	1ST CUTTING	2	5.00	2.00	4.00	80.00
	2ND CUTTING	2	15.00	2.50	4.00	300.00
	3RD CUTTING	2	15.00	2.00	4.00	240.00
		Total Qty =				620.00
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.					
	1ST CUTTING	2	5.00	3.00		30.00
	2ND CUTTING	2	15.00	3.00		90.00
	3RD CUTTING	2	15.00	3.00		90.00
		Total Qty =				210.00
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
	1ST CUTTING	2	5.00	1.20	3.10	37.20
	2ND CUTTING	2	15.00	1.10	4.00	132.00
	3RD CUTTING	2	15.00	1.00	4.00	120.00
					TOTAL=	289.20
	Total No. of EC Bags =(289.20X35.315)					10213.10
				SAY NO OF BAGE=		10213
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
		1	5.00	5.00	0.60	15.00
		1	6.00	5.00	0.60	18.00
		1	8.00	5.00	0.60	24.00
		Total Qty. =				57.00
6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.					

	2	2.50	2.50		5.00
	2	2.50	2.50		5.00
	2	2.50	2.50		5.00
Total Qty. =					15.00

*[Signature]*  
JE

*[Signature]*  
AE

EE

RWD SUB DIV. RANIGANI

RWD SUB DIV. RANIGANI RWD WORKS DIV. FORBESGANI

NAME OF ROAD:- RESTORATION OF ROAD FROM JUMMAN CHOWK TO RAMPUR ROAD TO DURGA MANDIR VIA

Analysis for Carriage by Road & Rail

District:- Araria Block :- Forbesganj

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	8.00 4.99	x 18.19 x 0.00 Km = Rs 0.00				
2	Stone Metal Gr-III/GSB (Pakar 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	189.26	1150.00	1739.26	Rs 1739.26
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	102.59			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 x 25.00 Km = Rs 188.00	8.00	x 18.19 x 0.00 Km = Rs 0.00	309.64			Rs 497.64
13	Hume Pipe (1000 mm)	M	Rampur	10.00	x 16.27 x 65.00 Km = Rs 846.04	10.00	x 25.43 x 1.00 Km = Rs 20.34	96.59			Rs 962.97

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	16.27
Unsurface Gravel Road	20.33	20.33
Kachha Road	25.43	18.19

6/11/20  
JE

BRAD  
6/11/20

24  
6/11/20