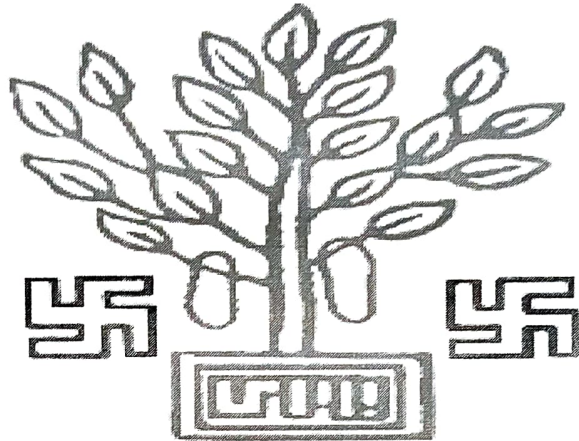


7

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

NAME OF ROAD:- **NH-57 RENUGATE TO GIDWASH**

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

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

BLOCK:- **RANIGANJ**

ESTIMATED COST

964960.00

Inspection Report for flood damage work

Date:

1. Name of PIUs- R.H. Forbesgar

2. Name of Block/Road- Ranigam, Ranigam to Gridkan

A. For Road

1. Damage Location/Chainage :

2. Damage Length : 29+26 = 55 M

3. Nature of Damage :

4. Details of Restoration : flood cutting 1.5 M²

i Material being used in Restoration

Local sand, E.C bag, bamboo

ii Equipment/Tools being used in Restoration works:

pile driving, a bar bed, A.L.S. in cutting

iii Procedure taken up in Restoration works

iv Restored Length

55 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

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:

NH-57 RENUGATE TO GIDWASH

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.				
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	343.25	627.77	215482.05
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.	990.00	75.86	75101.40
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.	Mtr.	330.00	40.06	13219.80
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.	Per Bags	5650.40	37.35	211042.44
6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.	Cum	149.40	1870.43	279442.24
		meter	12.50	5382.71	67283.88
	TOTAL AMOUNT =				861571.81
	ADD 12.00 %GST=				103388.62
	SAY TOTAL AMOUNT =				964960.43
					964960.00

JE

AE

EE

RWD SUB DIVISION-RANIGANJ

RWD SUB DIV.

RANIGANJ

RWD WORKS DIV. FORBESGANJ

Technically approved for Rs 9,64,960 = ru (Rupees nine lacs sixty four thousand nine hundred sixty) only.

SE
KISHANGANJ

*Supervising Engineer
Rural Works Department
Work Circle, Kishanganj*

Detailed Estimate

Name of Road:

NH-57 RENUGATE TO GIDWASH

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	29.00	5.50	1.50	239.25
		1	26.00	4.00	1.00	104.00
					TOTAL=	343.25
					Total Qty =	343.25
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	29.00	3.00	3.00	522.00
		2	26.00	3.00	3.00	468.00
					Total Qty =	990.00
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	29.00	3.00		174.00
		2	26.00	3.00		156.00
					Total Qty =	330.00
3	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
		2	25.00	1.00	0.80	40.00
		2	30.00	1.00	2.00	120.00
					TOTAL=	160.00
					Total No. of EC Bags =(160X35.315)	5650.40
					SAY NO OF BAGE=	5650
4	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
		1	29.00	5.00	0.60	87.00
		1	26.00	4.00	0.60	62.40
					Total Qty. =	149.40
5	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.					
		1	3.00	2.50		7.50
		1	2.00	2.50		5.00
					Total Qty. =	12.50

[Signature]
6/11/20

JE

[Signature]
6/11/20

AE

EE

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 :- Forbessganj

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 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	189.26	117.60	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	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	Forbessganj	8.00	x 7.52 x 25.00 Km = Rs 188.00	8.00	x 18.19 x 0.00 Km = Rs 0.00	369.64			Rs 497.64
13	Hume Pipe (1000 mm)	M	Birpur	8.00 10.00	x 16.27 x 65.00 Km = Rs 846.04	8.00 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	7.52
Unsurface Gravel Road	20.33	10.01
Kachha Road	25.43	18.19

6/11/20

6/11/20