

(12)

RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

NAME OF ROAD:- SONAPUR TO KARAKKIYA

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

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

BLOCK:- RANIGANJ

ESTIMATED COST

913651.00

Inspection Report for flood damage work

Date:

1. Name of PIUs- RHD Forbassen

2. Name of Block/Road- Ronggen, Sonapan & Kaniyals

A. For Road

1. Damage Location/Chainage :

2. Damage Length : 76 M

3. Nature of Damage : cutting due to flood

4. Details of Restoration :

i Material being used in Restoration

: EC bag, bamboo plow

ii Equipment/Tools being used in Restoration works:

: axe, bar, pickaxe, cutting

iii Procedure taken up in Restoration works

iv Restored Length

76 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

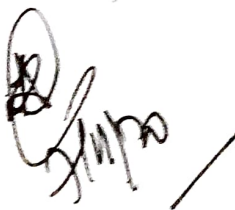
ii Equipment/Tools being used in Restoration works:

iii Procedure taken up in Restoration works

iv Restored Length

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 2020 in ARARIA District

Name of Road:

SONAPUR TO KARAKKIYA

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	87.00	627.77	54615.99
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.	624.00	75.86	47336.64
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.	552.00	40.06	22113.12
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
		Per Bags	8684.66	37.35	324372.23
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	174.80	1870.43	326951.16
6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.				
		meter	7.50	5382.71	40370.33
TOTAL AMOUNT =					815759.47
ADD 12.00 %GST=					97891.14
SAY TOTAL AMOUNT =					913650.61

913651.00

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JE

RWD SUB DIVISION-RANIGANJ

[Signature]

AE

RWD SUB DIV.
RANIGANJ

[Signature]

RWD WORKS DIV. FORBESGANJ

Technically approved For Rs 9,13,651.00 (Rupees nine lacs thirteen thousand six hundred fifty one) only.

SE
KISHANGANJ

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Superintending Engineer
Rural Works Department
Works Circle, Kishanganj

Detailed Estimate

Name of Road:

SONAPUR TO KARAKKIYA

Sl No.	Items of Works	Nos.	L (m)	B (m)	D (m) IN (Av.)	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	6.00	(8.50+6.00)/2	2.00	87.00
					TOTAL=	87.00
					Total Qty =	87.00
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.					
	CH-630	1	14.00	2.00	2.00	56.00
	CH-655	2	26.00	2.50	2.00	260.00
	CH-150	2	26.00	2.00	2.00	208.00
	CH-725	2	10.00	2.50	2.00	100.00
					Total Qty =	624.00
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.					
	CH-630	1	14.00	4.00		56.00
	CH-655	2	26.00	4.00		208.00
	CH-150	2	26.00	4.00		208.00
	CH-725	2	10.00	4.00		80.00
					Total Qty =	552.00
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.					
	CH-630	1	13.00	1.50	1.60	31.20
	CH-655	2	26.00	1.20	1.80	112.32
	CH-150	2	26.00	1.00	1.20	62.40
	CH-725	2	10.00	1.00	2.00	40.00
					TOTAL=	245.92
					Total No. of EC Bags =(245.92X35.315)	8684.66
					SAY NO OF BAGE=	8685
	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					

	CH-630	1	13.00	2.00	1.00	26.00
	CH-655	1	11.00	6.00	1.80	118.80
	CH-150	1	6.00	5.00	1.00	30.00
	Total Qty. =					174.80
6	Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.					
	1ST CUTTING	1	3.00	2.50		7.50
	Total Qty. =					7.50

Q 6/11/20
JE

Boral 6/11/20
AE

EE

RWD SUB DIV- RANIGANJ

RWD SUB DIV. RANIGANJ RWD WORKS DIV. FORBESGANJ

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

Analysis for Carriage by Road & Rail

Block :- Forbesganj

District:- Araria

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-III/ASB (Pakur by Rail 250 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	1.74	174.83	Rs 174.83
5	Stone Metal Gr-III/ASB	Cum	Mirzachowki	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	189.26	1.74	174.83	Rs 174.83
7	Course Sand	Cum	Jagdishpur	8.00 4.99	x 7.52 x 8.00 Km = Rs 165.55	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 320.48
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 6.29	x 7.52 x 25.00 Km = Rs 188.00	8.00 6.29	x 18.19 x 0.00 Km = Rs 0.00	309.64			Rs 437.54
13	Hume Pipe (1000 mm)	M	Baripur	8.00 10.00	x 16.27 x 95.00 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	9.03
Kachha Road	25.43	18.19

8/11/20

8/11/20

NAME OF ROAD:-
Analysis for Carriage by Road & Rail
 RESTORATION OF ROAD FROM JUMKAN CHOWKE TO KAMPUR ROAD TO DURGA MANDIR VIA

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 (Pakur by Rail 250 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	159.26		1742.95	Rs 1742.95
5	Course Sand	Cum	Jagdishpur	8.00 4.99	x 7.52 x 348.00 Km = Rs 4195.52	8.00 4.99	x 18.19 x 0.00 Km = Rs 0.00	152.59			Rs 4248.11
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 308.48
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	149.21			Rs 307.89
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	Barpur	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	94.59			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	9.01
Kachhia Road	25.43	18.19

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