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RURAL WORKS DEPARTMENT



GOVERNMENT OF BIHAR

NAME OF ROAD:- CHHABU RISHIDEV HOUSE TO BHGWAT
CHOUDHARI RISHIDEV HOUSE

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

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

BLOCK:- RANIGANJ

ESTIMATED COST

1285464.00

Inspection Report for flood damage work

Date:

1. Name of PIUs-

R.W.D. For begani

2. Name of Block/Road-

Ranigarij/Chhabu Rizidv house to Boghat
Choudhary Rizidv house.

A. For Road

1. Damage Location/Chainage : 1.90 mtr

2. Damage Length : 25mtr + 30mtr = 55mtr

3. Nature of Damage : depth upto 2.5 mtr deep.

4. Details of Restoration :

i Material being used in Restoration

: Local Sand, Sand bags,

ii Equipment/Tools being used in Restoration works:

: human pick, Bricks bat

iii Procedure taken up in Restoration works

: Bamboo pile, Equipm. used

iv Restored Length

: Trauer Trolley 55mtr

B. For Bridge

1. Damage Location/Chainage :

2. Damage Length :

3. Nature of Damage :

4. Details of Restoration :

i Material being used in Restoration

: N.A.

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

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

Road:

CHHABU RISHIDEV HOUSE TO BHGWAT CHOUDHARI RISHIDEV HOUSE

RANIGANJ

District: ARARIA

Division : RWD, Works Division, FORBESGANJ

Circle: RWD, Work Circle, KISHANGANJ

S. 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	700.00	627.77	439439.00
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.				
		Mtr.	750.00	75.86	56895.00
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.				
		Mtr.	330.00	40.06	13219.80
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge.				
		Per Bags	6709.85	37.35	250612.90
5	Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.				
		Cum	185.63	1870.43	347198.57
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 =					1147735.59
ADD 12.00 %GST=					137728.27
SAY TOTAL AMOUNT =					1285463.86
					1285464.00

JE

RWD SUB DIVISION-RANIGANJ

AE

RWD SUB DIV.
RANIGANJ

EE

RWD WORKS DIV. FORBESGANJ

Technically Approved for Rs. 1285464.00 (Rupees twelve Lakh Eighty Five thousand Four hundred and sixty Four) only

SE
KISHANGANJ

Superintending Engineer
Rural Works Department
Works Circle, Kishanganj

Detailed Estimate

Road:

CHHABU RISHIDEV HOUSE TO BHGWAT CHOUDHARI RISHIDEV HOUSE

Items of Works	Nos.	L (m)	B (m)	D (m) IN (Av.)	Quantity (m3)
Filling of local sand obtained from river bed, watering & ramming, all complete job as per specification & direction of Engineer-in-charge.	1	25.00	5.00	2.00	250.00
	1	30.00	6.00	2.50	450.00
				TOTAL=	700.00
				Total Qty =	700.00
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.					
	2	25.00	1.50	3.00	225.00
	2	30.00	2.50	3.50	525.00
				Total Qty =	750.00
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	55.00	3.00		330.00
				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	2.00	100.00
	2	30.00	1.00	1.50	90.00
				TOTAL=	190.00
				Total No. of EC Bags =(190X35.315)	6709.85
				SAY NO OF BAGE=	6710
4 Supply and Carriage of brick bats upto 8 km breach and placing in breaches and lying of bats, all complete job.					
	1	55.00	4.50	0.75	185.63
				Total Qty. =	185.63
Supply, laying and Carriage of of hume pipe 1000 mm dia (HPC), all complete job.					
	1	3.00	2.50		7.50
				Total Qty. =	7.50


JE


AE

EE

RWD SUB DIV- RANIGANJ

RWD SUB DIV. RANIGANJ RWD WORKS DIV. FORBESGANJ

NAME OF ROAD:-

District:-

Araria

Analysis for Carriage by Road & Rail



RESTORATION OF ROAD FROM JUMMAN CHOWR TO KAMPUR ROAD TO DILICA MAHUR VIA

Block :- Forbesganj

Sl No	Item with Source	Unit	Source	Pucha / Surface		Karcha		Unloading & Unloading Cost	Carriage Cost by Rail Road	Total	Min Total
2	Stone Metal Gr-II/RSB (Pakur by Enl 250 Km)	Cum	Mirzadhowki	8.00	x 7.52	x 20.00 Km = Rs 241.12	8.00	x 18.19	x 0.00 Km = Rs 0.00	181.25	Rs 1791.93
				4.99			4.99				
				8.00	x 7.52	x 55.00 Km = Rs 663.09	8.00	x 18.19	x 0.00 Km = Rs 0.00	189.25	
				4.99			4.99				
5	Stone Metal Gr-II/RSB	Cum	Mirzadhowki	8.00	x 7.52	x 348.00 Km = Rs 4195.53	8.00	x 18.19	x 0.00 Km = Rs 0.00	182.59	Rs 4298.12
				4.99			4.99				
7	Course Sand	Cum	lagdishpur	8.00	x 16.27	x 8.00 Km = Rs 165.55	8.00	x 25.43	x 1.00 Km = Rs 32.34	182.21	Rs 396.10
				6.29			6.29				
8	Local Sand	Cum	Local	8.00	x 16.27	x 8.00 Km = Rs 165.55	8.00	x 25.43	x 1.00 Km = Rs 32.34	182.21	Rs 396.10
				6.29			6.29				
9	Brick	1000 Nos	Local	8.00	x 7.52	x 8.00 Km = Rs 188.00	8.00	x 18.19	x 0.00 Km = Rs 0.00	309.54	Rs 187.54
				8.00			8.00				
9	Cement	MT	Forbesganj	8.00	x 7.52	x 8.00 Km = Rs 188.00	8.00	x 18.19	x 0.00 Km = Rs 0.00	309.54	Rs 187.54
				8.00			8.00				
13	Home Pipe (1000 mm)	M	Thurpur	10.00	x 16.27	x 05.00 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	7.52
Unsurface Gravel Road	20.33	11.11
Karcha Road	25.43	18.19


 Date 6/11/20

 Date 6/11/20

