

RURAL WORKS DEPARTMENT



बिहार सरकार

GOVERNMENT OF BIHAR

FDR(Emergent Work)

CIRCLE – R.W.D. works Circle, Kishanganj

DIVISION – R.W.D. works Division , Kishanganj-1

Name of Work :-	Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in L044 Bhag kajleta to Rishidev tola Khurkhuria
Block :-	Terhagachh
Estimated cost :-	Rs 408812.00

Year : 2024-25

INSPECTION REPORT FOR MOTORABLE WORK

Name of PIUs :- Elaurav Kumar
 Name of Block/Road :- (Terhagachh) Lo44 Bhag Kalleka to Rishidev tola
Khurkhuria

A. For Road

1. Damage Location/Chainage :- 500 m
 2. Damage Length :- 320 m
 3. Nature of Damage (Length Wise) (i) Breach :- L. side 110m R. side 210m
 (ii) Crust Damage :- Crust damage
 (iii) Only Flank Damage :-

whether traffic fully/Partialiy obstructed :-

4. Details of Restoration :-

(i) Material Being Used in Restoration :- Brick bats, Ecbaq, bamboo

(ii) Equipment/Tools Being Used in Restoration Works :-

(iii) Restored Length In open Area :- 320m
 In habitation Area :-

(iv) If Restoration work done in habitation Area give Reason :-

B. For Bridge (Size of Bridge/Culvert)

(1) Damage Location/Chainage :-

(2) No. of Span Damage :-

N/A

(3) Length of Span :-

(4) Nature of Damage (Pier/Abuttment/
 Wing Wall/Approach Road Damage) :-

(5) Details of Restoration :-

(i) Material Being Used in Restoration :-

(ii) Equipment/Tools Being Used in Restoration Works :-

(iii) Restored Length :-

Overall Grade of Restoration work (Satisfactory/Unsatisfactory) :-

20/11/17
 Signature of Inspector
 (Official Seal)

TECHNICAL REPORT

Name of Work:- Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in L044 Bhag kajleta to Rishidev tola Khurkhuria

Block:- Terhagachh

Estimated Cost:- ₹ 4,08,812.00

The work done estimate has been framed for the restoration (motorable) of traffic for the above road which was damage/washout during the year 2024-25 flood. This

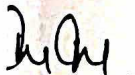
Estimate is prepared for restoration work under FDR as per the instruction of Engineer-in-Chief Rural Works Department Patna Vide Letter No.

FDR-03-01/2024-89 Dated-18-10-2024


(A) Source of materials


- i) Brick Bats- Local Kiln
- ii) Fine sand-Local
- iii) Cement bags-Local market
- iv) Bamboo-Local
- v) Eart- Private land from 1000m lead
- vi) Hume pipe- Purnea


(B) Rate:- Carraige has been analyzed on minimum lead. Finished rate has been calculated without contractor's profit on MORD norms. Carraige of materials has been added to finished rate. Basic rates are evaluated from rate of approved by State schedule rate committee. 18% GST, 1% L.cess and S.fee has been added in the estimate with final rate of the executed items


12/11/2024

T.S. RWD(W) Work Section
Terhagachh

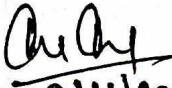

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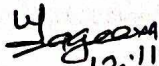

12/11/24
AE
RWD(W) Sub Division
Terhagachh

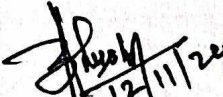

12/11/24
Executive Engineer
RWD(W) Division
Kishanganj-1


ABSTRACT OF COST

Name of Work :-		Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in L044 Bhag kajleta to Rishidev tola Khurkhuria
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 393812.00
B	Add Drone videography Charge three times	Rs 15000.00
	Total Cost with GST, LC & S.Fee	Rs 408812.00

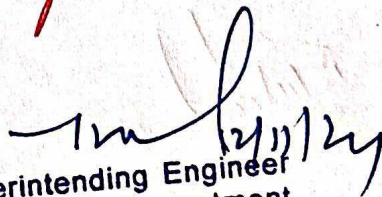

12/11/2024
T.S.


12.11.2024
J.E.
RWD
Terhagachh


12/11/24
A.E.
R.W.D
Terhagachh

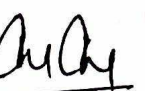

12/11/24
E.E.
R.W.D
Kishanganj - I

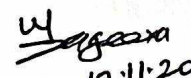
Technically approved for Rs 4,08,812/- (Rupee Four Lakh Eight thousand eight hundred and eleven) only

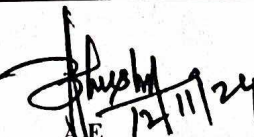

12/11/24
Superintending Engineer
Rural Works Department
Works Circle, Kishanganj
E.O.


Detailed Estimate

Name of Work :-			Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in L044 Bhag kajleta to Rishidev tola Khurkhuria										
SL No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)	
1	WRD	5.7.7	Providing bamboo piles including labour for cutting of 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per specification and direction of E/I										
			At ch 500 m (left side)	1	110.00	5.00	-	-	550.00				
			At ch 500 m (right side)	1	210.00	5.00	-	-	1050.00				
			Total:-							1600.00	Mtr.	69.186	110698.00
2	WRD	5.7.9	Supplying, fitting and fixing 62 mm to 75 mm 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, all material and labour complete job as per specification and direction of E/I.										
			At ch 500 m (left side)	1	10	22.00	-	-	220.00				
			At ch 500 m (right side)	1	10	42.30	-	-	423.00				
			Total:-							643.00	Mtr.	35.95	23116.00
3	WRD	5.7.10	Fillling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9										
			At ch 500 m (left side)	1	1	5.8+2.5)/2	(6.0+5.80)/2	(1.10+0.70+0.30)/3	17.14				
			At ch 500 m (right side)	1	1	22.00	(1.5+0.9)/2	(0.75+1.1+0.9)/3	24.20				
				1	1	42.30	(1.50+1.20)/2	(0.90+1.30+1.10+0.80)/4	58.53				
			Total:-							99.87	Cum	1272.780	127113.00
4	WRD	5.7.11	Providing laying and spreading brick bats in Road ditches all complete as per approved design, specifications and direction of E/I										
			At ch 700 m	1	1	5.80	4.10	0.30	7.13				
				1	1	22.00	0.90	0.30	5.94				
				1	1	42.30	1.30	0.30	16.50				
			Total:-							29.57	Cum	2759.115	81587.00
5	WRD	5.7.53	Providing and filling empty cement bags										
			Supply of new bag with labour for filling new EC bag with local sand (volume of filled bag 1.2 cft and weight 50kg), stiching on two line by approved nylon thread with stiching machine & generator, stacking the bags and placing with a lead of 150m including supply of nylon threads etc all complete as per approved design, specification and direction of E/I.										
			At ch 500 m (left side)	1	1	22.00	0.50	(0.80+1.0+0.90+0.70)/4	9.35				
			At ch 500 m (right side)	1	1	42.30	0.50	(0.90+1.50+0.70)/3	21.86				
			Total:-							31.21	Cum		
			@ 0.034 Cum each bag							918	No.	55.88	51298.00
											TOTAL	393812.00	


 12/11/2024
 T.S.


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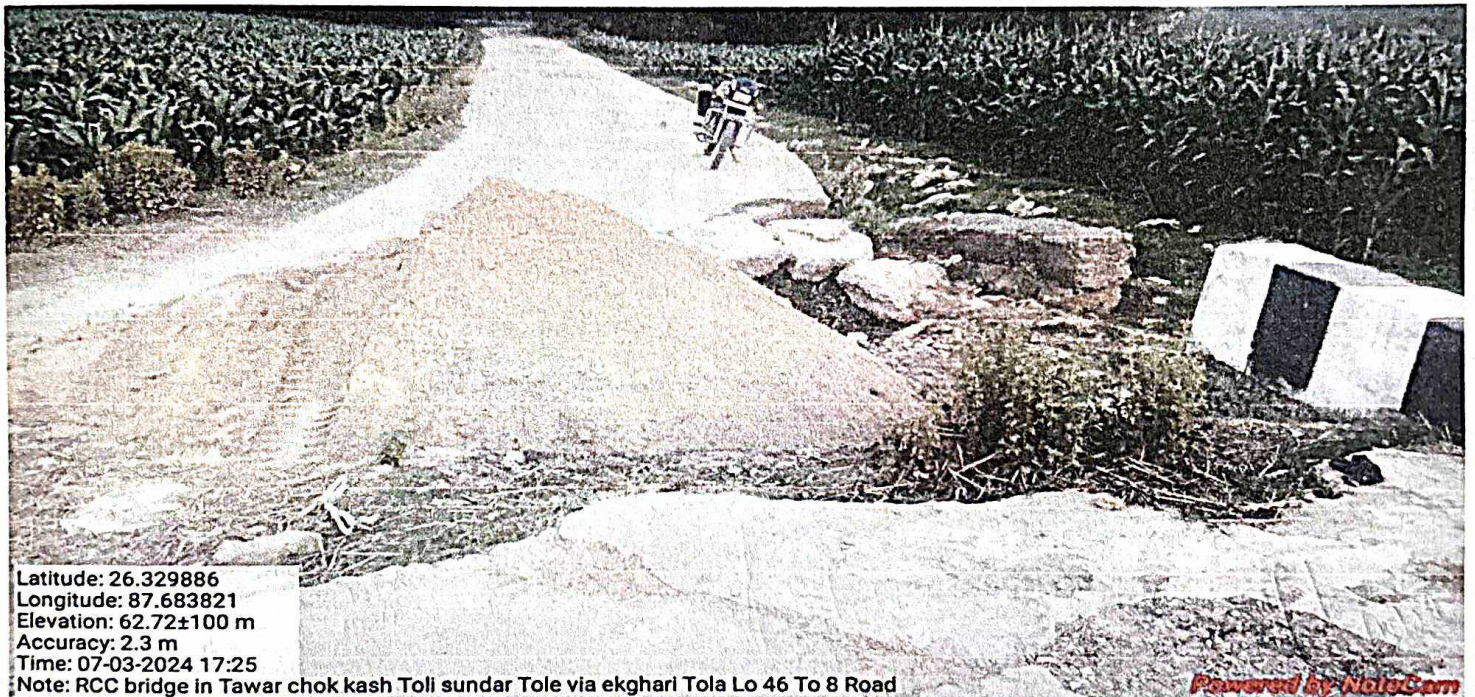

 12/11/24
 R.W.D
 Kishanganj - I



Latitude: 26.329885
Longitude: 87.683863
Elevation: 57.72±100 m
Accuracy: 2.7 m
Time: 07-03-2024 17:24

Note: RCC bridge in Tawar chok kash Toli sundar Tole via ekghari Tola Lo 46 To 8 Road

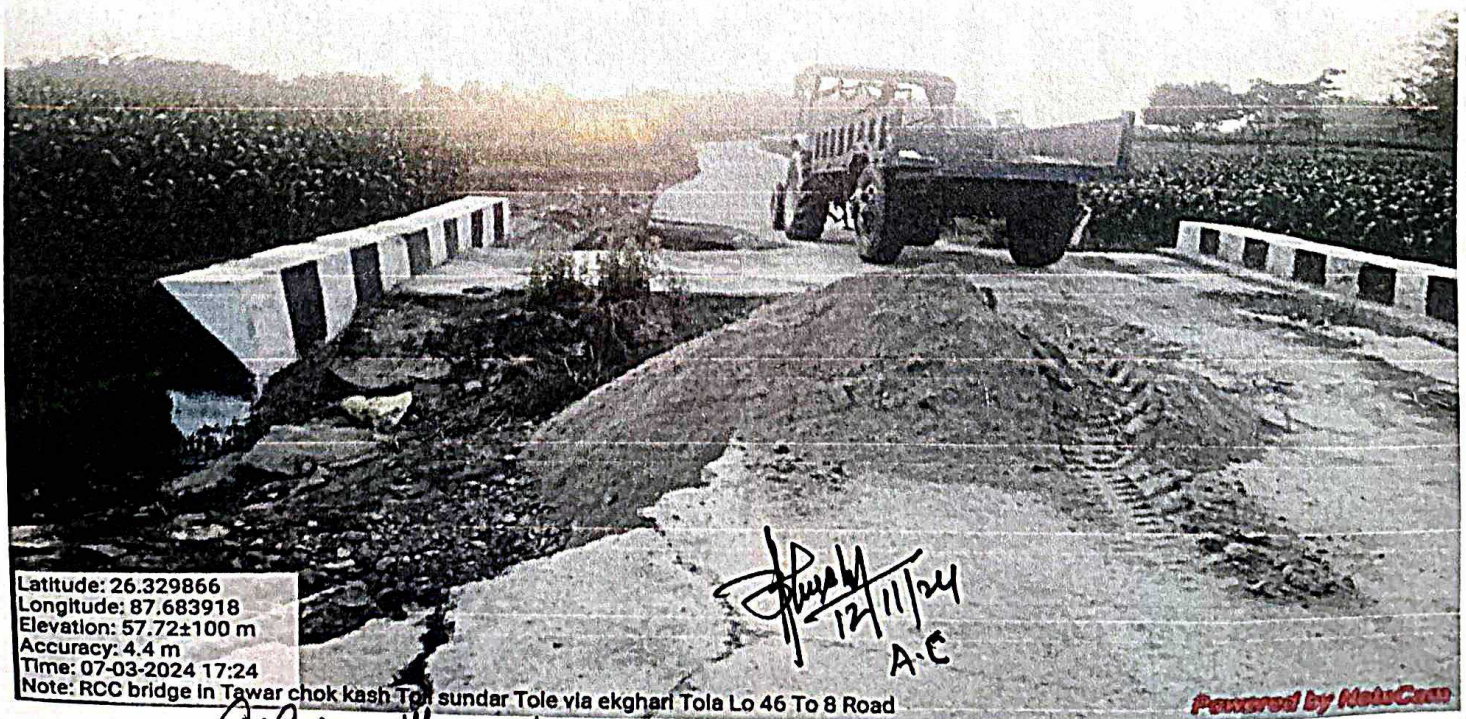
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Latitude: 26.329886
Longitude: 87.683821
Elevation: 62.72±100 m
Accuracy: 2.3 m
Time: 07-03-2024 17:25

Note: RCC bridge in Tawar chok kash Toli sundar Tole via ekghari Tola Lo 46 To 8 Road

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Latitude: 26.329866
Longitude: 87.683918
Elevation: 57.72±100 m
Accuracy: 4.4 m
Time: 07-03-2024 17:24

Note: RCC bridge in Tawar chok kash Toli sundar Tole via ekghari Tola Lo 46 To 8 Road

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12/11/24
A.C

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30/03/2024



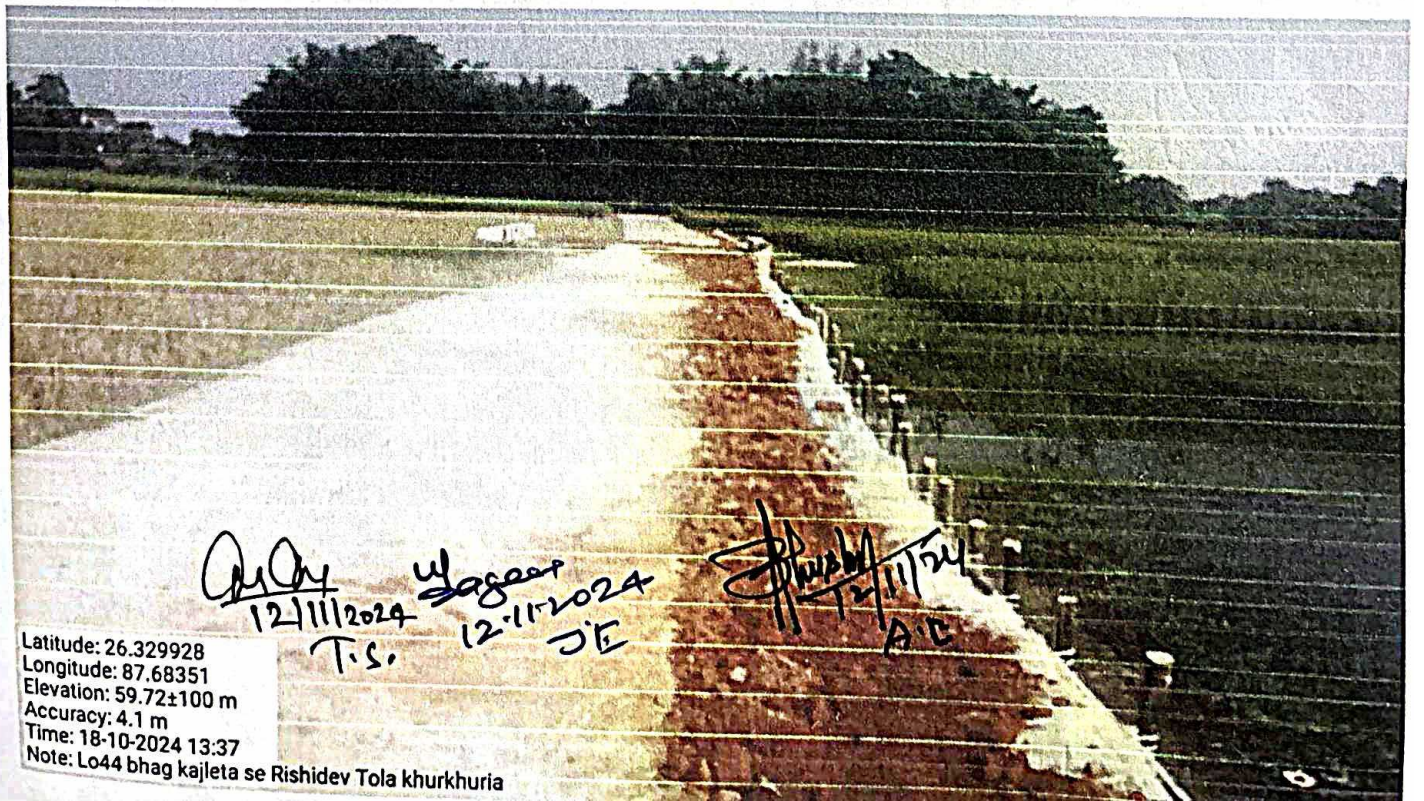
Latitude: 26.329923
Longitude: 87.68386
Elevation: 60.72±100 m
Accuracy: 3.0 m
Time: 18-10-2024 13:39
Note: Lo44 bhag kajleta se Rishidev Tola khurkhuria

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Latitude: 26.329909
Longitude: 87.683959
Elevation: 57.72±100 m
Accuracy: 3.5 m
Time: 18-10-2024 13:39
Note: Lo44 bhag kajleta se Rishidev Tola khurkhuria

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Latitude: 26.329928
Longitude: 87.68351
Elevation: 59.72±100 m
Accuracy: 4.1 m
Time: 18-10-2024 13:37
Note: Lo44 bhag kajleta se Rishidev Tola khurkhuria

Signature
12/11/2024
T.S.

Signature
12-11-2024
J.E.

Signature
12/11/24
A.C.

FINAL RATE UNDER WORKS CIRCLE KISHANGANJ

S.No	Discription of Item	Unit	Final Rate (Excluding GST,Seigniorage & L.Cess)	Final Rate (Including GST,Seigniorage & L.Cess)
1	EARTH WORK	CUM	459.003	549.740
2	BRICK BAT	CUM	2209.576	2759.115
3	G.S,B	CUM	4328.501	5172.300
4	SAND BAG (Cement Bag)	Each	46.550	55.880
5	BAMBOO PILE	Per Mtr.	58.140	69.186
6	BAMBOO CHACHRI	Per Mtr.	302.258	359.690
7	BAMBOO RUNNER	Per Mtr.	30.210	35.950
8	HUME PIPE (1000 mm Div)	Per Mtr.	6206.598	7385.850
9	HUME PIPE (600 mm Div)	Per Mtr.	2492.260	2965.790
10	STEEL DRUM SHEET	Per Sqr.Mtr.	215.352	256.270
11	GEO BAG WITH SAND	EACH	967.490	1152.320
12	EACH N.C. BAG WITH SAND (Cement Bag)	Each E.C	967.490	1151.800
13	LOCAL SAND	CUM	721.110	1272.780

Executive Engineer
RWD, Works Division
Kishanganj-1

Executive Engineer
RWD, Works Division
Araria

Executive Engineer
RWD, Works Division
Kishanganj-2

Executive Engineer
RWD, Works Division
Forbesganj

Superintending Engineer
Rural Works Department
Works Circle Kishanganj

SUMMARY OF CARRIGE COST

Sl. No.	Item	Unit	Amount (Rs.)
1	Earth Work	Cum	274.42
2	Brick Bats	Cum	521.97
3	Bamboo	Per Mtr.	3.00
4	G.S.B.	Cum	2960.13
5	Local Sand	Cum	345.14
6	HUME PIPE (1000 mm DIA)	Per Pipe	745.93
7	HUME PIPEP PIR METER	Per Mtr.	298.37
8	HUME PIPE (600 mm DIA)	Per Pipe	310.88
9	HUME PIPE (600 mm DIA)	Per Mtr.	124.35
10	Local Sand	Cum	345.10