

RURAL WORKS DEPARTMENT



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 L031 to Laxmi
yadav tola Deorikhash

Block :-

Terhagachh

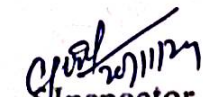
Estimated cost :-

Rs 267270.00

Year : 2024-25

INSPECTION REPORT FOR MOTORABLE WORK

Name of PIUs :- <u>Elauray Kumar</u>	
Name of Block/Road :- <u>(Terhagachh) L031 to laxmiyadev tola Deorikhash</u>	
A. For Road	
1. Damage Location/Chainage :-	<u>700m</u>
2. Damage Length :-	<u>86. m</u>
3. Nature of Damage (Length Wise)	(i) Breach :- <u>L. side 43m Right 43m</u> (ii) Crust Damage :- <u>Crust damage</u> (iii) Only Flank Damage :-
whether traffic fully/Partialiy obstructed :-	
4. Details of Restoration :-	
(i) Material Being Used in Restoration :- <u>Sand, bricks bats, Ec bag, bambro</u>	
(ii) Equipment/Tools Being Used in Restoration Works :-	
(iii) Restored Length	In open Area :- <u>86 m</u> 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 :-	
(3) Length of Span :-	<u>N/A</u>
(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) :-	


 Signature of Inspector
 (Official Seal)

TECHNICAL REPORT

Name of Work:- Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in L031 to Laxmi yadav tola Deorikhash

Block:- Terhagachh

Estimated Cost:- 2,67,270

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:- Carriage has been analyzed on minimum lead. Finished rate has been calculated without contractor's profit on MORD norms. Carriage 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

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12.11.2024
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RWD(W) Work Section
Terhagachh

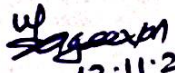
AE
11/11/24
RWD(W) Sub Division
Terhagachh

AE
11/11/24
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 L031 to Laxmi yadav tola Deorikhash
Block :-		Terhagachh
Sl. No.	Particulars	Amount (In Rs.)
A	Cost of Restoration work :-	Rs 252270.00
B	Add Drone videography Charge three times	Rs 15000.00
	Total Cost with GST, LC & S.Fee	Rs 267270.00

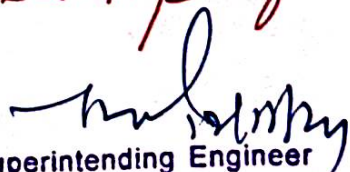
Now Approved
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12.11.2024
J.E
RWD
Terhagahh


12/11/24
R.W.D
Terhagahh


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R.W.D
Kishanganj - I

Technically approved for Rs 2,67,270/- (Rupees two lakhs sixty seven thousand two hundred and seventy only)


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

Detailed Estimate

Name of Work :- Restoration work for Repair of Road breaches (Damaged by Flood) for Motorability in L031 to Laxmi yadav tola Deorikhash												
SL No.	SDB Sl. No.	MORD Ref.No	Description	No.	No.	Length (M)	Width (M)	Height (M)	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	9.2 (i)	1100 & 800	Sand filling or Type B (First class) bedding Filling and spreading local sand over brick bats as per drawing and technical specification Clause 305.3.9									
			At ch 700 m	1	1	8.50	(7.0+5.0)/2	(1.9+2.8+1.6)/3	107.10			
			Deduction for HP 600mm dia. (2No.3.142*0.225*2.5)						3.53			
									Total:- 103.57	Cum	1272.78	131816.00
2	9.3		Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106.									
			H.P. 600mm dia									
				2	2	2.5	-	-	10.00	Mtr.	2965.79	29658.00
3	WRD	5.7.40	Brick bats 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	8.50	4.50	0.30	11.48			
									Total:- 11.48	Cum	2759.115	31675.00
4		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), stitching on two line by approved nylon thread with stitching 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 700 m (left side)	1	1	8.5	(1.5+0.5)/2	(1.9+2.8+1.6)/3	17.85			
			At ch 700 m (right side)	1	1	8.5	(1.5+0.5)/2	(1.8+2.9+1.7)/3	18.13			
									Total:- 35.98	Cum		
			@ 0.034 Cum each bag						1058	No.	55.88	59121.00
											TOTAL	252270.00

Nurul Hasan
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Terhagahh

12/11/24
J.E
R.W.D
Terhagahh

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



अक्षांश: 26.266148
 देशान्तर: 87.685962
 उन्नयन: 83.56±5 m
 सटीकता: 2.7 m
 समय: 09-09-2024 10:13
 नोट: L031LXMI YADAV TOLA DEORI KHASH

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अक्षांश: 26.266163
 देशान्तर: 87.685867
 उन्नयन: 99.77±3 m
 सटीकता: 1.6 m
 समय: 09-09-2024 13:35
 नोट: L031LXMI YADAV TOLA DEORI KHASH

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अक्षांश: 26.266156
 देशान्तर: 87.685875
 उन्नयन: 98.87±3 m
 सटीकता: 1.6 m
 समय: 09-09-2024 13:36
 नोट: L031LXMI YADAV TOLA DEORI KHASH

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Nurul Akbar
 12/11/24
 W. Jagan
 12.11.2024
 जे
 12/11/24
 A.E



अक्षांश: 26.266132
 देशान्तर: 87.68583
 उन्नयन: 122.17±7 m
 सटीकता: 3.6 m
 समय: 09-09-2024 17:05
 नोट: L031LXMI YADAV TOLA

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अक्षांश: 26.266188
 देशान्तर: 87.685825
 उन्नयन: 105.17±3 m
 सटीकता: 1.7 m
 समय: 09-09-2024 17:07
 नोट: L031LXMI YADAV TOLA

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Nurul Ahsan
 12/11/24
 P.S

Wageera
 12.11.2024
 JE

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