



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## FLOOD DAMAGED REPAIR (F.D.R)

STATE :- BIHAR  
DISTRICT :- GOPALGANJ  
BLOCK :- SIDHWALIA

NH 101 to Lohar Tola Via Lala Tola

**ESTIMATED COST RS 438800.00**

SUBMITTED BY:  
EXECUTIVE ENGINEER  
RWD (W) DIVISION -  
GOPALGANJ - 2

# Inspection Report for Flood Damage Work

Date. :

1. Name of PIUs - RWD, works Division, Gopalganj-2
2. Name of Block/Road - Sidhwalia/NH 101 to Lohar tola via Lalatola

## A. For Road

1. Damage Location/Chainage : 530M to 560M | 1790M to 1810M
2. Damage Length : 36m | 10.0M + 7.0M
3. Nature of Damage : Road washout & water overtopped
4. Details of Restoration Works :
  - i. Material being used in Restoration Work : Brick bats, Cement bag, L. Sand
  - ii. Equipment/Tools being used in Restoration Works : JCB, Tractor with Trolley
  - iii. Procedure taken up in Restoration Works :
  - iv. Restored Length : 40.0M


work is satisfactory  
26/12/21

## B. For Bridge

1. Damage Location/Chainage :
2. Damage Length :
3. Nature of Damage :
4. Details of Restoration Works :
  - i. Material being used in Restoration Works :
  - ii. Equipment/Tools being used in Restoration Works :
  - iii. Procedure taken up in Restoration Works :
  - iv. Restored Length :

N/A

checked by me.

  
4-11-21  
JE

  
4/11/21  
AE

  
4/11/21  
EE

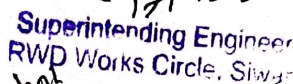
Signature

Name of Inspector)

आर्यपालक अभियंता

प्राथमिक कार्य विभाग

कार्य प्रभारदार इयुआ (सिवागंज)

  
17/10/22  
Superintending Engineer  
RWD Works Circle, Siwan



## Report.

Name of work :- NH 101 to Lohar tola via Lala tola


Estimated Cost :- Rs 438800.00


Total length of road :- 1.80 KM


Description :- The present estimate has been framed under the supervision of Assistant engineer in accordance with the order of Executive Engineer , RWD , WD Gopalganj-2 Vide Engineer-in-Chief , RWD , Patna letter no – 4275 dated– 22-10-2021 . The part of above mentioned road has been damaged due to heavy rain/flood. And due to this damage the transportation has been obstructed . The immediate motorable work is necessary in public interest . Villagers will be benefitted by the completion of this motorable work.

In the estimate there has been a provision of repairing the damaged part of the road & making it motorable by filling brickbats. There has also been a provision of filling sands in the empty cement packets , and afterward putting those sand bags along the borders of road . This provision has a purpose to put a check on the erosion of embankment along the road .

In this estimate the rate of raw materials and labour wages has been prepared after the analysis of new rate. This estimate is as per the specifications. The estimate is devoted to technical and administrative acceptance.

  
4-11-21  
J.E.

  
4/11/21  
A.E.

  
4/11/21  
E.E.

Detailed Estimate For Motorable Work in road from NH 101 to Lohar Tola Via Lala Tola damaged due to Heavy rain / Flood for Year . 2021-2022

Sr. no.	Items	no.	L (M.)	W M.)	D (M.)	Qty.	unit	rate	Amount
1	Providing brick bats billed in ditches including all cost of Labour & Material with all complete job .								
	CH- 530 M Emb	1	6.00	4.50 +7.00/2	1.50	51.75	M <sup>3</sup>		
	Ditch	1	2.50	4.50	1.00	11.25	M <sup>3</sup>		
	CH- 1790 M	1	10.00	1.40	1.00	14.00	M <sup>3</sup>		
		1	3.00	1.00	0.20	0.60	M <sup>3</sup>		
		1	4.00	2.40	0.50	4.80	M <sup>3</sup>		
						82.40		1761.99	145187.98
2	Providing Empty Cement Bag billed with local Sand Stiching placing on proper place with all cost of lab & Material & all Complete Job								
		8	30.00	1.50	1.30	468.00	M <sup>3</sup>		
						468.00	M <sup>3</sup>		
	Hence No. of Bags 468.00 x 35.31/ 1.20 M <sup>3</sup>					13770.00	Bags	17.38	239322.60
									384510.58
	Add GST @ 12%								46141.27
	Add Cess @ 1%								3845.11
									434496.95
	Add 1% contingency								4344.97
								Total	438841.92
								Say	438800.00

Say Rs 4.388 lac

*[Signature]*  
4-11-21

JE

*[Signature]*  
4-11-21

AE

*[Signature]*  
4-11-21

EE

Technically Sanctioned for Rs 4.388 lac (Rupees Four lac Thirty Eight Thousand & Eight Hundred) only

*[Signature]*  
17/01/22

Superintending Engineer  
RWD Works Circle, Siwan

*[Signature]*  
17/01/22



SI NO.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
1	1	Providing brick bats including spreading laying hand packing and compacting with C.I. Hammer in layers not exceeding 75 mm thick including cost of light barriers, danger signals, chowkidar, taxes, royalty etc all complete job as per specification and direction of E/I including carriage cost of bricks				
		Unit = Cum				
		Assuming - 2.832 Cum				
	A.	Cost of brick bat	Cum	2.832	987.00	2795.18
		Labour (Unskilled )				
		i) Carrying, Spreading, laying & Packing	nos	1.50	306.00	459.00
		ii) Compaction brick bats with C.I Hammer.	nos	0.67	306.00	205.02
		iii) Local Sand	Cum	0.63	141.85	89.37
		Over Heads @ 12% on ( a+b+c)				425.83
		C. Profit @ 10% on (a+b+c+d)				354.86
	D	Cost for 2.832 cum = a+b+c+d				4329.25
	E	Rate Per Cum =( a+b+c+d)/2.832	cum			1528.69
		<b>CARRIAGE</b>				
		Carriage for Brick ( 1Cum Bats = 300nos Bricks)	nos	0.30	777.30	233.19
		Rate per cum with carriage				1761.99
		<b>Total Cost</b>	cum			1761.99
2		Providing Cement Bag Billed with local sand sticting placing on proper place with all cost of lab & all complete job				
	a)	Basic Rate of sand bag	Per bag			8.46
	ii)	Cost of Cement bag				
	iii)	Cost of local sand	cum	0.034	170.12	5.78
	b)	Overheads @ 12%				1.71
	c)	Contractor's profit @ 10%				1.42
	d)	Rate per cum=(a+b+c+d)				17.38
		<b>Total Cost</b>	No			17.38

~~4-11-21~~  
4-11-21  
J-E.

Sec-Sidhwalia

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4-11-21  
BE

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4-11-21