

**Name of Work:- Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in Construction of HLL Bridge ch 50 Mt. In Koshi Bandh To Narkatiya (Bridge)**

**Head - FDR**

Sl No.	Item No.	Name of Item	unit	No	Length	Width	Height	Qty.	Rate	Amount
1		EARTH WORK - Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5	cum					0.000	162.01	0
2		Local Sand Filling in trenches, transporting to site, spreading, grading and compacting to meet requirement of Tables 300.1 and 300.2 with a lead as per Technical Specification & direction of E.I.	cum		As Per Appendix I			22.836	297.49	6793.48164
3		Providing and and Labour for consolidation in <del>tham</del> <sup>metal</sup> by Road Roller in proper grade camber and super elevation dry and wet rolling including cost of running charge of roller diver and khalasi making and maintaining diversion light barrier - do - do- danger signal etc. all complete .	cum		As Per Appendix II			91.344	1897.61	173335.29
4		Providing, Filling Sand Bag, Stitching and Placing etc. all complete as per specification and direction of E/I.	Nos.					4520.000	21.38	96637.60
5		Providing and Labour for cutting 62 mm to 75 dia Bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I.	RM					250.350	58.80	14720.58
6		Providing and Labour for fitting & fixing 62 mm to 75 dia Bamboo runners in position at every virtical pile with 150 mm long nails or 38 swg G.I. wire including cost of G.I. wire or nails etc. complete job as per specification and direction of E/I.	RM					518.500	36.34	18842.29
7		Providing and laying 1000 mm dia reinforced cement concrete pipe NP3 for culvert on first class bedding of granular material in single row excluding excavation, protection works, backfilling, concrete and masonry.	RM		0 Nos*2.5m			0.000	6077.24	0.00
8		Providing and laying 600 mm dia reinforced cement concrete pipe NP3 for culvert on first class bedding of granular material in single row excluding excavation, protection works, backfilling, concrete and masonry.	RM		0 Nos*2.5m			0.000	2586.58	0.00
<b>TOTAL (in Re.)</b>										<b>310329.24</b>

Junior Engineer,  
Rural Works Department,  
Works Section, KIRATPUR

Assistant Engineer,  
Rural Works Department,  
Works Sub Division, KIRATPUR

Executive Engineer,  
Rural Works Department,  
Works Division, BIRAUL



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## PLAN HEAD- FDR YEAR 2024

DISTRICT :- DARBHANGA

BLOCK :- KIRATPUR

Scheme Head - NABARD (Under Maintenance)

Estimate for Repair of Road breaches  
(Damaged by Flood) for Motorability in  
Construction of HLL Bridge ch 50 Mt. in Koshi  
Bandh To Narkatiya (Bridge)

LENGTH OF ROAD (in Km)- 0.155 KM

DAMAGED LENGTH (in Km)- 0.090 KM

TEMPORARY RESTORATION LENGTH (in Km)- 73.25 M

ESTIMATED COST -	3.918	Lacs
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SUBMITTED BY:  
EXECUTIVE ENGINEER,  
RWD WORKS DIVISION,  
BIRAUL



T/S (Provisional) is accorded for Rs. 310300.00 (~~Thirty One Lakh~~ <sup>Three lakh Ten thousand</sup> three hundred) only.

*Abhinav*  
26/11/24  
Superintending Engineer  
W. D. Works Circle  
Darbhangha

## GENERAL ABSTRACT OF COST

ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGED BY FLOOD) FOR  
MOTORIBILITY IN CONSTRUCTION OF HLL BRIDGE CH 50 MT. IN KOSHI  
BANDH TO NARKATIYA (BRIDGE)

DISTRICT - DARBHANGA

DIVISION - BIRAU

BLOCK - KIRATPUR

LENGTH OF ROAD (in Km)- 0.000 KM

Scheme Head - NABARD (Under Maintenance)

SL. No.	Item of Work	Amount
1	SAND FILLING	: 0.068 Lacs
2	BRICK BATS	: 1.733 Lacs
3	SAND BAGS	: 0.966 Lacs
4	BAMBOOS PILING AND RUNNER	: 0.336 Lacs
5	HUME PIPE	: 0.000 Lacs
	<b>COST OF RESTORATION</b>	<b>: 3.103 Lacs</b>
	ADD SEIGNIORAGE FEE @ 10% OF MATERIAL COST	: 0.225 Lacs
	ADD LABOUR CESS @ 1%	: <del>0.031</del> Lacs
	ADD GST @ 18%	: <del>0.559</del> Lacs
	<b>TOTAL COST OF RESTORATION OF ROAD</b>	<b>: 3.103 <del>3.918</del> Lacs</b>

Junior Engineer

*Abhinav*  
26/11/24  
Asstt. Engineer

*Abhinav*  
26/11/24  
Executive Engineer

~~T/S Provisional is accorded for Rs. 310300.00 [310300]~~  
~~[Rs. Three lakh thirty one thousand eight hundred only]~~  
~~certified copy~~  
~~sd-~~

Name of Work:-

Estimate for Repair of Road breaches (Damaged by Flood) for Motorability in Construction of HLL Bridge ch 50 Mt. in Koshi Bandh To Narkatiya (Bridge)

Appendix - II						
Measurement for surfacing the Breach with Brick Bats						
Sl. No.	Chainage	Nos	Length (M)	Width (M)	Thickness (M)	Quantity (cum)
1	1st km	1	48.60	2.50 Av.	0.65 Av.	78.98
2		1	11.90	2.48 Av.	0.60 Av.	17.71
3		2	2.50	2.15 Av.	1.00 Av.	10.75
4		1	5.00	1.80 Av.	0.75 Av.	6.75
			Total			114.18
			Deduction for 0Nos old 1000 mm HP at 0 m ( $3.142 \times 0.36 \times 0$ )			0.00
			Deduction for Nos old 600 mm HP at 0 m ( $3.142 \times 0.22 \times 0$ )			0.00
			Quantity of Brick Work -			114.18
			Less for Voids @ 20% =			22.84
			Net Quantity of Brick Work -			91.34

Junior Engineer

  
26/11/24  
Asistant Engineer

  
26/11/24  
Executive Engineer

तकनीकी प्रतिवेदन  
( FDR-2024-25)

पथ का नाम :- Kashi Bandh to Naukadiya (Bridge)

पथ की लंबाई :- 0.155 Km

प्रखंड का नाम :- Kiratpur

प्राक्कलित राशि :- 3.918 लाख

प्रस्तुत प्राक्कलन प्रखंड किरतपुर के अंतर्गत आता है। माह जुलाई से अक्टूबर 2024 में अतिवृष्टि/बाढ़ के कारण उक्त पथ में जगह-जगह कटाव हुआ था। जिसके कारण आवगमन बन्द हो गया था। उक्त पथ को Brick Bat/Earth Work/Hume Pipe/Sand Bag/Bamboo Piling भरकर आवगमन चालू कर दिया गया है। वर्तमान समय में यातायात सुगमता से चालू है। यह प्राक्कलन अनुमोदन हेतु प्रस्तावित है।

*Sachin*  
25-11-2024  
कनीय अभियंता  
ग्रामीण कार्य विभाग,  
कार्य प्रशाखा, किरतपुर

*A. Lal*  
26/11/24  
सहायक अभियंता  
ग्रामीण कार्य विभाग  
कार्य अवर प्रमंडल, किरतपुर

*Bhoom*  
26/11/24  
कार्यपालक अभियंता  
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कार्य प्रमंडल, बिरौल