

Inspection Report For Flood Damage Work

Date :- 25/11/2021

1. Name of PIUs :- Bn. Bijay Kumar
2. Name of Block/Road :- Bind / Benar - Sakshara Road To Tarnipur

A. For Road

1. Damage Location/Chainage :- 850 to 900 meter,
2. Damage Length :- 21.00 meter,
3. Nature of Damage :- Breach & crack.
4. Details of Restoration Works :-
 - i. Material being used in Restoration Works:- Bricks Batts.
 - ii. Equipments/ Tools being used in Restoration Works:- JCB Tractor & Roller.
 - iii. Procedure taken up in Restoration Works:- Departmental
 - iv. Restored Length:- 21.00 meter,

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 Work:-
 - ii. Equipments/ Tools being used in Restoration Works:-
 - iii. Procedure taken up in Restoration Works:-
 - iv. Restored Length:-

C. Requirement Of New CD/Bridge

- i. Name of Road:-
- ii. Location Chainage:-
- iii. Type of CD Work/Length Required

NOT

Upload one photograph of damage portion if available

Attach minimum two photograph (during restoration & after restoration) photographs

Should be Geotags and at least one photo be captured in selfie mode work is satisfactory.

(U)
25/11/21
Signature of JE/AE/EE

25/11/21
Signature of verifying officer



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

BIHAR RURAL ROADS PROJECT

Govt. of Bihar

FDR(Motorable)

Estimate for Motorable of Road from Benar Saksohra Road
To Tajnipur in Nalanda District.



Name of the Road :-

Benar Saksohra Road To Tajnipur

DISTRICT	:	NALANDA	
DIVISION	:	Biharsharif	
BLOCK	:	Bind	
TOTAL COST OF CONSTRUCTION	:	9.377 10.966	Lac
TOTAL COST OF PROJECT	:	10.966	Lac

SUBMITTED BY
RURAL WORKS DEPARTMENT
WORKS DIVISION-BIHARSHARIF

9.399

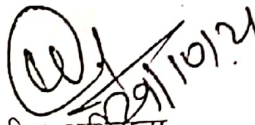
प्रतिवेदन १.३११

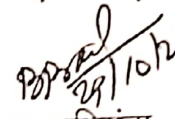
प्रस्तुत प्राक्कलन जिसकी प्राक्कलित राशि 40.966 लाख है ग्रामीण कार्य विभाग, कार्य प्रमंडल, विहारशरीफ अन्तर्गत विन्द प्रखंड में वर्ष-2021 में आयी बाढ़ के कारण क्षतिग्रस्त पथ के मरम्मत हेतु तैयार किया गया है।

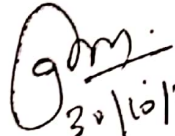
उपर्युक्त पथ का निर्माण प्रधानमंत्री ग्राम सड़क योजनान्तर्गत किया गया है। वर्ष-2021 में ताजनीपुर गोईठवा नदी में आई बाढ़ के कारण पथ के ऊपर से पानी का बहाव शुरू हो गया एवं पानी बहाव के कारण मिट्टी का कटाव हुआ एवं पथ 21 मीटर लंबाई में पूर्णतः कट गया फलतः आवागमन बाधित हो गया एवं ग्रामीणों का अन्य जगह से संपर्क टुट गया।

विभागीय निर्देशानुसार टुटे हुए भाग को ईट के टुकड़ों से भरने के उपरान्त उसके उपर GSB का एक परत देकर आवागमन को चालू किया गया। प्रस्तुत प्राक्कलन में कराए गए कार्य में में ब्रिक बैट एवं GSB का उपयोग किया गया। कार्य के उपरान्त स्थल निरीक्षण के क्रम में उच्चाधिकारियों द्वारा जाँच करा लिया गया है। प्राक्कलन में लिया गया दर अंचल कार्यालय द्वारा पत्रांक-458 दिनांक-19.06.2021 द्वारा अनुमोदित दर से लिया गया है। सिर्फ दुलाई का दर नहीं रहने के कारण इसे वर्तमान अनुसूचित दर पर तैयार किया गया है।

इस योजना की राशि FDR (3054) में भारित होगा। यथाशीघ्र प्राक्कलन की स्वीकृति अपेक्षित है।


कनीय अभियंता,
कार्य प्रशाखा, विन्द


सहायक अभियंता
कार्य अवर प्रमंडल, विन्द


कार्यपालक अभियंता,
कार्य प्रमंडल, विहारशरीफ

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD : Benar Saksohra Road To Tajpur

DISTRICT NALANDA
BLOCK Bind
DIVISION Biharsharif

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	BRICK BATS	7 39 931.23 =1096586.000
	Total	1096586.000
	TOTAL COST IN LACS -	7.399 10.966
	TOTAL COST OF PROJECT IN LACS -	10.966

Total - 9.399 Lacs 9.399 Lacs

JE
RWD
29/10/21

AE
RWD
29/10/21

EE
RWD
30/10/21

Sanctioned
Technically approved for Rs. 9,39,900.20

(Rupees Nine Lacs Thirty Nine Thousand
...Nine Hundred only...)

Condition and direction laid down in attached
technical notes with DPR is to be followed Strictly

sd -

certified copy
9/12/2021

अधोक्षण अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल (नालन्दा)

9/12/2021

S. E.
RWD
Work Circle Nalanda

Estimate for Motorable of Road from Benar Saksohra Road To Tajnipur in Nalanda District.

Name of Road Benar Saksohra Road To Tajnipur

Sl.No.	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (in Rs.)
	SUB HEAD : EARTHWORK, BRICKS BATS, SAND FILLING								
1	Construction of Bricks-Bats Supplying Brick bats with carriage at site including labour cess, GST and seigniorance fee (excluding over head and CP)								
		cum					426.580	1,168.20	5,45,035.20
							544.320		6,35,875.00
2	Carriage for Brick bats including labour cess & GST (excluding over head and CP)	No					544.320	506.14	2,36,145.20
							466.560		2,75,501.00
3	Supplying unskilled labour for Brick bats and laying 600 mm dia for spreading and levelling brick bats including labour cess & GST (excluding over head and CP)	No					576.979	321.00	1,58,751.23
							494.559		1,85,210.00
									10,96,586.00

JE *[Signature]*

RWD

AE *[Signature]*

RWD

EE *[Signature]*

RWD

Name of Road Benar Saksohra Road To Tajnipur
 Block Bind
 District NALANDA

Calculation of Brick Bats

SLNo	Lenth (m)	Width(m)	Thickness (m)	Qty. (Cum)
1	21.00	3.60+6.10+6.5	4.60+5.0+4.8	544.320

Net qty after deduction of voids

$$i.e. \frac{12}{14} \times 544.32$$

544.320

$$= 466.560 M^3$$

(Signature)
 29/10/21

(Signature)
 29/10/21

Name of Road:-- Benar Saksohra Road To Tajnlpur

District:- NALANDA

Block :- Bind

Sl No	Item with Source	Unit	Source Up to	Carriage Cost & Lead in Km										Loading & Unloading Cost	Cartage Cost by Rail Head	Total
				Pucka / Surface					Katcha							
1	Brick bat	Cum	Local	3.60	x 19.79	x 7.00 Km	=	Rs 221.68	3.60	x 24.73	x 1.00 Km	=	Rs 395.6	186.67	0.00	Rs 447.91
				2.25					2.25							

**Carriage Including GST and Labour
Cess For Brick Bats**

506.138

AE
RWD
10/11/2014

JE
RWD
2011/11/11

RWD

RWD

—

SDB SL No.	MOR D Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount (in Rs)
1.1 RCD		Loading and Unloading of brick bats with tractor				
		Unit=cum				
		Taking output= 2.25 cum				
		Time required for				
		i) Positioning of tipper at loading point		1 MIN		
		ii) Loading by front end loader 1 cum bucket capacity @ 25 cum per hour		5 Min		
		iii) Maneuvering, reversing, dumping and turning for return		0 Min		
		iv) Waiting time, unforeseen contingencies etc		5 Min		
		Total				
		a) Labour	day	0.03	407	12.210
		Mate	day	0.72	268	192.960
		Mazdoor for loading and unloading				
		b) Machinery	hour	0.1	630	63.000
		Tractor 3.60 tonne capacity	hour	0.083	1543	128.069
		Front end loader 1cum bucket capacity @25 cum/hour				23.774
		c) Overhead charges @ 0.06 on (a+b)				0.000
		d) contractor profit @ 0.0on (a+b+c)				420.013
		Cost for 2.25 cum= (a+b+c+d)				186.673
		Rate per cum= (a+b+c+d)/2.25				
	Note	Unloading will be done manually				
1.4 RCD		Cost of Haulage Excluding Loading and Unloading				
		Haulage of material by Tractor excluding cost of loading, unloading and stacking.				
		Unit= t.km				
		Taking output 3.60 tonnes load and lead 10 km= 36.0 t.km				
	i)	Surface Road				
		Speed with load : 15 km/hour				
		Speed while Returning empty : 25 km/ hour				
		a) Machinery				
		Tractor 3.6 tonne capacity	hour	0.667	630.00	420.210
		Time taken for onward haulage with load	hour	0.4	630.00	252.000
		Time taken for empty return trip				672.210
		Total				40.333
		b) Add overhead charges @0.06				0.000
		c) Add contractor profit @0.0				712.543
		cost for 36 t.km = a+b+c				19.793
		Rate per t.km = (a+b+c)/36				
	ii)	Unsurface Graveled Road/ Katcha				
		Speed with load : 12 km/ hour				
		Speed for empty return trip: 20 km/ hour				
		a) Machinery				
		Tractor 3.6 tonnes capacity	hour	0.833	630.00	524.790
		Time taken for onward haulage with load	hour	0.5	630.00	315.000
		Time taken for empty return trip				839.790
		Total				50.387
		b) Add overhead charges @0.06				0.000
		c) Add contractor profit @0.0				890.177
		Cost for 36 t.km = a+b+c				24.727
		Rate per t.km = (a+b+c)/36				