

Inspection Report for Road Damage Work

1. Name of PWD: EE, RWD, Kachalgaon
2. Name of District: Nadhi Deyara to Panch

A. For Road

1. Damage Location/Chainage: ch- 0 to 1.7 km
2. Damage Length: 25 m
3. Nature of Damage: Road cut due to Flood
4. Details of Restoration works:
 - i. Material being used in Restoration works: Bricks-Bat
 - ii. Equipments/Tools being used in Restoration works:
 - iii. Procedure taken up in Restoration works:
 - iv. Restored Length: 25 m in three cutting.

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. 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

- Upload one photograph of damaged portion if available
- Attach maximum two photographs during restoration & after restoration photographs should be 500x400 and at least one photo be captured in selfie mode

[Signature]
Signature of IE/AE/LE

[Signature]
17/12/2020

[Signature]
Signature

(Name of Inspector)
EE, RWD
Bauka-1

*To be filled by the District Engineer/Assistant District Engineer

आपका काम अतिवश
आपका काम अतिवश
आपका काम अतिवश



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD F.D.R. PART - A (2020 - 21)

DETAILED ESTIMATE FOR F.D.R. RESTORATION WORK

DISTRICT :	BHAGALPUR	BLOCK :	Pirpainti
NAME OF ROAD :	Nadhi Diyara to PMGSY		
Total Length of road	:	1.700	KMS
total cost of FDR part - a	:	154009.00	
Add GST @ 12 %	:	18481.00	
Add labour cess @ 1%	:	1540.00	
Add S.F	:	9527.00	
Total cost of restoration work	:	183557.00	1.836 Lac

SUBMITTED BY
The Executive Engineer
Works Division, Kahalgaon

प्रतिवेदन

योजना का नाम— Nadhi Diyara to PMGSY Road
प्रमंडल का नाम— ग्रामीण कार्य विभाग, कार्य प्रमंडल, कहलगौंव
अंचल— भागलपुर
पथ की लम्बाई— 1.700 कि० मी०
क्षतिग्रस्त भाग की लम्बाई— 25.00 मी०
प्राक्कलित राशि— 1.836 लाख

प्रस्तुत प्राक्कलन वर्ष 2020 में आयी बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों की तत्काल मरम्मत कर यातायात पुनः बहाल करने हेतु तैयार किया गया है। प्राक्कलन का निर्माण अभियंता प्रमुख, ग्रामीण कार्य विभाग, पटना के पत्रांक-2521, दिनांक-05.08.2020 के अलोक में स्थल पर पुनर्स्थापन कार्य के उपरान्त तैयार किया गया है।

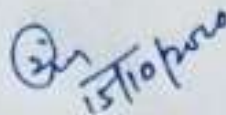
इस वर्ष 2020 में बाढ़/अतिवृष्टि के कारण जगह-जगह पर रोडकस्ट में कटाव के साथ-साथ पथ का फलैक भी क्षतिग्रस्त हुआ है। कटाव के कारण पथ से आवागमन बाधित हो गया था। पथ पंचवर्षीय अनुरक्षण अवधि से ग्रस्त है।

अतः आपातकालीन प्रकृति के कार्य को देखते हुए क्षतिग्रस्त पथांश में आवश्यकता एवं उपलब्धतानुसार ईट के टुकड़े (Brick Bats)/ मिट्टी (E/W) / SandBag / Bamboo Pilling/ GSB इत्यादि के द्वारा पथ के पुनः स्थापन का प्रावधान किया गया है। प्राक्कलन में मर्दों का दर, तत्कालीन अनुसूचित दर विप्लेशन पर आधारित है। प्राक्कलन में Contractor Profit एवं Over Head Charge नहीं जुड़ा है। जबकि GST, Labour Cess एवं SF को जोड़ा गया है।

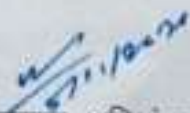
अतः प्राक्कलन का तकनीकी अनुमोदन दिये जाने की कार्रवाई की जा सकती है।



कनीय अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, पीरपैती



सहायक अभियंता
ग्रामीण कार्य विभाग,
कार्य अवर प्रमंडल, पीरपैती



कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, कहलगौंव

GENERAL ABSTRACT OF COST

Name of Road : Nadhi Diyara to PMGSY

District : BHAGALPUR

Length : 1.70 KM

Block : Pirpainti

SL No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Restoration work	:	1.70	154,009.00
B	Add G.S.T @ 12 %	:		18,481.00
C	Add L.C. @ 1 %	:		1,540.00
C	Add S.F. @ 10% of (Material Qty x Basic Rate)	:		9,527.00
	Total Cost of Restoration work	:		183,557.00
			Say,	1.836 Lac

[Signature]
15-10-2020
J. E.

[Signature]
15/10/2020
A. E.

[Signature]
27/11/2020
E. E.

Technically approved in Rs 1.836 lac (Rupees one lac eighty three thousand six hundred and fifty seven only)

[Signature]
19/12/2020
Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur
19/12/20

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: Nachi Oiyera to PMGSY

Block: Pigeonli

District: BHAGALPUR Length: 1.700 KM

Sl. No.	SSR Item No.	Description	No.	Length (M)	Width (M)	HD (M)	Qty.	Unit	Rate (in Rs.)	Amount (in Rs.)
1	4.8	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. excluding carriage cost of bricks.								
		As per attached "Annexure - A"					89.62			
							89.62	cum.	1718.47	154,009.00
							Total Cost of Flood Protective work =			154,009.00

J.E.
15-10-2020

A.E.
15/10/2020

E.E.
17/11/2020

ANNEXURE - " A "

Brick Bat Measurement

Name of Road : Nadhi Diyara to PMGSY

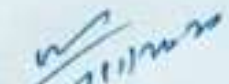
Length of Road : 1.700

Sr.No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)
1	0 - 1700	1	8.00	1.00	1.50		1.25	1.50	1.00		1.25	12.50
		1	10.50	3.75	3.75		3.75	1.20	1.50		1.35	53.16
		1	6.50	4.00	3.75		3.88	1.00	0.90		0.95	23.96
											Total =	89.62

$$S.F = 89.62 \times 1063.00 \times 10\% = RS. 9527$$


15-10-2020
J. E.


15/10/2020
A. E.


15/10/2020
E. E.

Rate Analysis for Carriage of Materials

Sl No	Item	Unit	Source	Carriage Cost & Lead in Km														Loading & Unloading Cost	Carriage Cost by Rail Head	Total * (By Road)
				Pukka / Surface								Katcha								
				8.00 4.99	x	16.32	x	50.00 Km	=	Rs 1308.25	8.00 4.99	x	25.47	x	0.00 Km	=	Rs 0.00			
1	Stone Metal Gr-III / GSB	Cum	Mirjachauki	3.60 1.91	x	16.32	x	7.00 Km	=	Rs 215.33	3.60 1.91	x	25.47	x	1.00 Km	=	Rs 48.01	Rs. 1400.32		
2	Brick/ Brick Bats	Cum	Local	3.60 2.04	x	16.32	x	2.00 Km	=	Rs 57.60	3.60 2.04	x	25.47	x	1.00 Km	=	Rs 44.95	Rs. 435.40		
3	Local Sand	Cum	Local	8.00 6.00	x	16.32	x	0.00 Km	=	Rs 0.00	8.00 6.00	x	25.47	x	1.00 Km	=	Rs 33.96	Rs. 274.62		
4	Earth	Cum	Local	8.00 10.00	x	16.32	x	40.00 Km	=	Rs 522.26	8.00 10.00	x	25.47	x	0.00 Km	=	Rs 0.00	Rs. 206.03		
5	Hume Pipe (1000 mm)	M	Godda	8.00 25.00	x	16.32	x	40.00 Km	=	Rs 208.90	8.00 25.00	x	25.47	x	0.00 Km	=	Rs 0.00	Rs. 686.44		
6	Hume Pipe (600 mm)	M	Godda														Rs. 373.26			

Cost of Haulage Excluding Loading & Unloading as per SOR

* Subjected to Verification of Lead

Type of Road	Per Ton. Km by Tractor	Per Ton. Km by Tipper
For Surface Road	16.32	
Unsurface Gravel Road	0.00	
Kachha Road	25.47	

[Signature]
15-10-2020

J. E.

[Signature]
15/10/2020

A. E.

[Signature]
E. E.