

Block:- Katalgaon

Inspection Report for Flood Damage Work

Date:

1. Name of P.H. :-

2. Name of Block/Road- NH-80 hogla to Parsadih

A. For Road

1. Damage Location/Chainage.

3100 to 3200, 3200 to 3500, 3600 to 4500

2. Damage Length

1300 M

3. Nature of Damage

Due to Flood and heavy rain, Entire
PCC length damage
and Road Washout

4. Details of Restoration works

i. Material being used in Restoration works: Brick Bats

ii. Equipments/Tools being used in Restoration works:

iii. Procedure taken up in Restoration works:

iv. Restored Length

1248 M

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 minimum two photographs (during restoration & after restoration)
photographs should be Geotags and at least one photo be captured in selfie
mode.

Signature of JE/AE/EE

Signature
(Name of Inspector)

"D:\office file\winword file\All Format Hindi

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रबंधन कलकत्ता

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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 :	Khalgoun
NAME OF ROAD :	NH80 GOGHA - PARSADIH		
Total Length of road	:	5.410	KM
total cost of FDR. part - a	:	1767620.00	
Add GST @ 12 %	:	212114.00	
Add labour cess @ 1%	:	17676.00	
Add S.F	:	109340.00	
Total cost of restoration work	:	2106750.00	21,06,750.00
SUBMITTED BY The Executive Engineer Works Division, Kahalgaon			

प्रतिवेदन

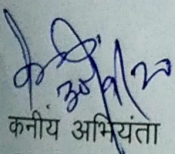
योजना का नाम— NH80 GOGHA to PARSADIH
प्रमंडल का नाम— ग्रामीण कार्य विभाग, कार्य प्रमंडल, कहलगाँव
अंचल— भागलपुर
पथ की लम्बाई— 5.413 कि० मी०
क्षतिग्रस्त भाग की लम्बाई— 1300.000 मी०
प्राक्कलित राशि— 21.06750 लाख

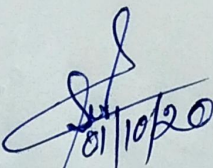
प्रस्तुत प्राक्कलन वर्ष 2020 में आयी बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों की तत्काल मरम्मत कर यातायात पुनः बहाल करने हेतु तैयार किया गया है। प्राक्कलन का निर्माण अभियंता प्रमुख, ग्रामीण कार्य विभाग, पटना के पत्रांक-2521, दिनांक-05.08.2020 के अलोक में स्थल पर पुर्नस्थापन कार्य के उपरांत तैयार किया गया है।

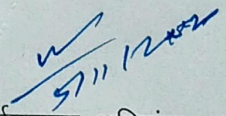
इस वर्ष 2020 में बाढ़/अतिवृष्टि के कारण जगह-जगह रोडकस्ट में कटाव/गढ़ा हुआ है। कटाव/गढ़ा के कारण पथ से आवागमन बाधित हो गया था। पथ पंचवर्षीय अनुरक्षण अवधि में है।

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, कहलगाँव


सहायक अभियंता
ग्रामीण कार्य विभाग,
कार्य अवर प्रमंडल, कहलगाँव


कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, कहलगाँव

GENERAL ABSTRACT OF COST

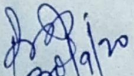
Name of Road : NH80 GOGHA - PARSADIH

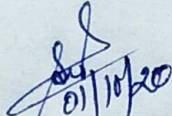
District : Bhagalpur

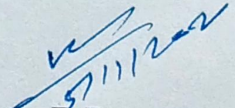
Length : 5.41 KM

Block : Khalgoun

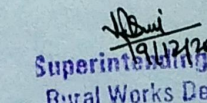
Sl. No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Restoration work	:	1248.00 M	1,767,620.00
B	Add G.S.T @ 12 %	:		212,114.00
C	Add L.C. @ 1 %	:		17,676.00
C	Add S.F. @10% of (Material Qty x Basic Rate)	:		109,340.00
	Total Cost of Restoration work	:		2,106,750.00
			Say,	21,06,750.00


J. E.


A. E.


E. E.

Technically approved for Rs 21,06,750.00 (Rupees twenty one lac six thousand seven hundred fifty) only.


Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur
19/12/20

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: NH80 GOGHA - PARSADIH

Block: Khalgoun

District: Bhagalpur

Length : 5.410 KM

Sl. No.	SSR Item No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rates (in Rs.)	Amount (in Rs.)
1	4.5	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, chowhidar, taxes, royalty and direction of E/I excluding carriage cost of bricks.								
		As per attached "Annexure - A"					1028.60			
							1028.60	cum	1718.47	1,767,620.00
							Total Cost of Flood Protective work =			1,767,620.00

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J. E.

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01/10/20
A. E.

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5/11/20
E. E.

ANNEXURE - " A "

Brick Bats Measurement

Name of Road : NH80 GOGHA - PARSADIH

Length of Road : 5.41 KM

Sr.No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)
1	3100 -3200	1	15.00	1.80	1.85		1.83	0.30	0.45		0.38	10.43
2		2	13.00	1.85	1.75		1.80	0.30	0.45		0.38	17.78
3		2	18.00	1.75	1.65		1.70	0.25	0.30		0.28	17.14
4		1	11.00	1.80	1.85		1.83	0.30	0.45		0.38	7.65
5		1	3.20	1.65	1.65		1.65	0.30	0.45		0.38	2.01
6		2	1.80	1.80	1.50		1.65	0.25	0.30		0.28	1.66
7	3200-3500	10	30.00	3.00			3.00	0.30			0.30	270.00
13	3600-4200	19	30.00	3.00			3.00	0.30			0.30	513.00
17	4200-4500	3	2.30	2.50			2.50	0.30			0.30	5.18
18		2	2.60	1.70			1.70	0.30			0.30	2.65
19		6	2.50	3.40			3.40	0.20			0.20	10.20
20		5	2.10	2.50			2.50	0.25			0.25	6.56
21		7	8.00	0.90			0.90	0.20			0.20	10.08
22		2	4.50	0.80			0.80	0.30			0.30	2.16
24		2	13.00	2.40			2.40	0.25			0.25	15.60
25		4	27.00	3.10			3.10	0.30			0.30	100.44
26		1	40.00	3.20			3.20	0.25			0.25	32.00
27		1	3.40	2.60			2.60	0.30			0.30	2.65
28		1	3.20	2.20			2.20	0.20			0.20	1.41
											Total =	1028.60

S.F = 1028.60 x 1063.00 x 10% = RS. 109340

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Rate Analysis for Carriage of Materials

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	86.00 Km	=	Rs 2250.20	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	172.07	0	Rs. 2422.27
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	172.07	0	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	172.07	0	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	164.19	0	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	164.36	0	Rs. 686.44
6	Hume Pipe (600 mm)	M	Godda																Rs. 373.26	

Cost of Haulage Excluding Loading & Unloading as per SOR

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	

* Subjected to Verification of Lead

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