

Block:- Kahalgaon

Inspection Report for flood Damage Work

Date:

1. Name of PII:- EE, RWD, Kahalgaon

2. Name of Block/Road:- RCD Road to Shamkarpur Khawas

A. For Road

1. Damage Location/Chainage

0 to 50 M & 200 M to 1600

2. Damage Length

1350 M

3. Nature of Damage

Road Damage due to flood and heavy rain

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 220 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 IC/AE/EE

Signature

(Name of Inspector)

EE, RWD

Banka-1

*D:\office file\winword file\All format Hindi

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रबंधन कलगाँव



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 :			
RCD Road to Shankarpur Khawas (BR-06R-016)			
Total Length of road	:	4.931	KM
total cost of FDR. part - a	:	408917.00	
Add GST @ 12 %	:	49070.00	
Add labour cess @ 1%	:	4089.00	
Add S.F	:	21179.00	
Total cost of restoration work	:	483255.00	4,83,250.00
SUBMITTED BY The Executive Engineer Works Division, Kahalgaon			

प्रतिवेदन

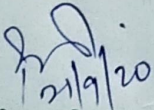
योजना का नाम— RCD ROAD - SHANKARPUR KHAWAS
प्रमंडल का नाम— ग्रामीण कार्य विभाग, कार्य प्रमंडल, कहलगँव
अंचल— भागलपुर
पथ की लम्बाई— 4.931 कि० मी०
क्षतिग्रस्त भाग की लम्बाई— 1350.000 मी०
प्राक्कलित राशि— 4.83250 लाख

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।

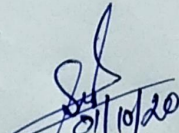
इस वर्ष 2020 में बाढ़/अतिवृष्टि के कारण जगह-जगह रोडकस्ट में कटाव/गढ़ा हुआ है। कटाव/गढ़ा के कारण पथ से आवागमन बाधित हो गया था। पथ पंचवर्षीय अनुरक्षण अवधि से बाहर है।

अतः आपातकालीन प्रकृति के कार्य को देखते हुए क्षतिग्रस्त पथांश में आवश्यकता एवं उपलब्धतानुसार ईंट 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।

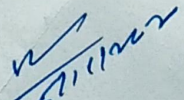
अतः प्राक्कलन का तकनीकी अनुमोदन दिये जाने की कार्यवाई की जा सकती है।



कनीय अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, कहलगँव



सहायक अभियंता
ग्रामीण कार्य विभाग,
कार्य अवर प्रमंडल, कहलगँव



कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, कहलगँव

GENERAL ABSTRACT OF COST

Name of Road : RCD Road to Shankarpur Khawas (BR-06R-016)

District : Bhagalpur

Length : 4.931 KM

Block : Khalgoun

Sl. No	Particulars	Details	Total Cost (in Rs.)
A	Cost of Road Restoration work	: 277.41 M	348736 408,917.00
B	Add G.S.T @ 12 %	:	41848 49,070.00
C	Add L.C. @ 1 %	:	3487 4,089.00
C	Add S.F. @10% of (Material Qty x Basic Rate)	:	21,179.00
	Total Cost of Restoration work	:	415250 483,255.00
		Say,	415250 4,83,250.00

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21/9/20
J. E.

[Signature]
21/10/20
A. E.

[Signature]
21/11/20
E. E.

*Technically approved for Rs 4,15,250 (Rupees four
lacs fifteen thousand three hundred and fifty).*

[Signature]
19/11/2020
Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur
[Signature]
19/11/20

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: RCD Road to Shankarpur Khawas (BR-06R-016)

Block: Khalgoun

District: Bhagalpur

Length : 4.931 KM

Sl. No.	SSR Item No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rates (in Rs.)	Amount (in Rs.)
1	5.7.53	Providing sand bag with sand and labour including carriage laying, filling etc all complete job as per specification and direction of E/I								
		As per attached "Annexure - B"					271			
							271	/ bags	253.88	68842.00
2	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"					198.01			
							198.01	cum	1718.47	340,275.00
Total Cost of Flood Protective work =										408,917.00

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31/9/20

A. E.
01/10/20

E. E.
31/11/20
348736

ANNEXURE - " B "

Measurement of E.C. Bags

Name of Road : RCD Road to Shankarpur Khawas (BR-06R-016)

Length 4.931 KM

Sr. No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)	Quantity (No of bag)
1	300-1600	1	2.00	0.40			0.40	0.50			0.50	0.40	12
		1	4	0.4			0.4	0.5			0.50	0.80	24
		1	9	0.4			0.4	1			1.00	3.60	106
		1	13	0.4			0.4	0.5			0.50	2.60	76
		1	9	0.4			0.4	0.5			0.50	1.80	53
											Total =	9.20	271

$$S.F = \overset{271}{9.20} \times \overset{4.82}{441.85} \times 10\% = RS. 131$$

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J. E.

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A. E.

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5/11/20
E. E.

ANNEXURE - " A "

Brick Bats Measurement

Name of Road : RCD Road to Shankarpur Khawas (BR-06R-016)

Length of Road : 4.931 KM

Sr.No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)
1	0-50	1	1.20	1.50			1.50	0.10			0.10	0.18
2	300-1600	1	2.00	2.20			2.20	0.30			0.30	1.32
3		1	4.00	1.50			1.50	0.30			0.30	1.80
4		1	22.00	2.80	1.50		2.15	0.50			0.50	23.65
5		1	2.00	1.50			1.50	0.50			0.50	1.50
6		1	3.50	2.20	1.00		1.60	0.30			0.30	1.68
7		2	6.50	2.00			2.00	0.20			0.20	5.20
13		1	4.00	2.00			2.00	0.30			0.30	2.40
17		1	4.00	2.10	1.00		1.55	0.10			0.10	0.62
		1	9.00	1.50			1.50	0.10			0.10	1.35
		1	10.00	2.50	1.00		1.75	0.10			0.10	1.75
		1	2.00	2.00	0.50		1.25	0.50			0.50	1.25
		1	3.50	1.50	3.00		2.25	0.30			0.30	2.36
		1	12.00	2.50			2.50	0.50			0.50	15.00
		1	12.00	2.00			2.00	0.50			0.50	12.00
		1	4.00	3.00			3.00	0.30			0.30	3.60
		1	1.00	2.00			2.00	0.30			0.30	0.60
		1	0.50	0.50			0.50	0.10			0.50	0.13
		1	12.30	3.00	2.00		2.50	0.50			0.50	15.38
		2	13.00	1.50			1.50	0.50			0.50	19.50
		1	9.00	2.00			2.00	0.50			0.50	9.00
		1	5.00	1.70			1.70	1.00			1.00	8.50
		1	3.00	2.00			2.00	0.30			1.00	6.00
		1	1.50	1.50			1.50	0.30			0.30	0.68
		1	1.00	2.50			2.50	0.30			0.50	1.25
		1	1.00	2.00			2.00	0.50			0.50	1.00

	1	5.70	1.80			1.80	0.30			0.30	3.08
	1	2.00	2.00			2.00	0.30			0.30	1.20
	1	3.00	1.00			1.00	0.30			0.50	1.50
18	1	3.00	1.50			1.50	0.50			0.50	2.25
19	1	2.50	1.00			1.00	0.30			0.30	0.75
20	2	3.00	2.00			2.00	0.30			0.30	3.60
21	1	2.00	3.00			3.00	0.50			0.50	3.00
22	1	13.00	3.00			3.00	0.30			0.30	11.70
24	1	1.20	4.00			4.00	0.50			0.50	2.40
25	1	3.50	3.20	3.00		3.10	0.50			0.50	5.43
26	1	2.00	1.20			1.20	0.30			0.30	0.72
27	1	0.50	3.00			3.00	0.30			0.30	0.45
	1	2.50	2.50	2.50		2.50	0.30			0.30	1.88
	1	4.00	1.00	1.20		1.10	0.30			0.30	1.32
	2	26.00	1.20	1.30		1.25	0.30			0.30	19.50
	2	3.00	0.50	1.20		0.85	0.30			0.30	1.53
										Total =	198.01

$$\text{S.F} = 198.01 \times 1063.00 \times 10\% = \text{RS. } 21048$$

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)	
				Pucka / 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	0	Rs. 2422.27
2	Brick/ Brick Bats	Cum	Local	3.60 1.91	x	16.32	x	2.00 Km	=	Rs 57.60	3.60 2.04	x	25.47	x	1.00 Km	=	Rs 44.95	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	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	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	0	Rs. 686.44
6	Hume Pipe (600 mm)	M	Godda														0	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

22/9/20
J. E.

20/10/20
A. E.

22/11/20
E. E.