

Inspection Report for Flood Damage Work

Date:

1. Name of P.H. **EE, RWD, Kahalgaon**
 2. Name of Block/Road **LOG7- PMHSR Athuiya Ram Nagar Road to Kantiya tola (VR 73)**
 A. For Road
 1. Damage Location/Chainage **ch 0.850 to 1.150 m**
 2. Damage Length **21m**
 3. Nature of Damage **Road and old slab culvert damaged**
 4. Details of Restoration works

- i. Material being used in Restoration works: **Bricks - Bats**
 ii. Equipments/Tools being used in Restoration works
 iii. Procedure taken up in Restoration works
 iv. Restored Length **21m in three cutting**

B. For Bridge

1. Damage Location/Chainage
 2. Damage Length **ch 0.850 m**
 3. Nature of Damage **1.5m old slab culvert damaged**
 4. Details of Restoration works
 i. Material being used in Restoration works: **Bricks Bats**
 ii. Equipments/Tools being used in Restoration works
 iii. Procedure taken up in Restoration works
 iv. Restored Length **1.5m**

C. Requirement of new CD/Bridge

- i. Name of Road
 ii. Location/Chainage **ch 0.850 m**
 iii. Type of CD work Length required **Required 5m RCC slab culvert in place of damaged 1.5m slab culvert.**

- Upload one photograph of damaged portion if available
- Attach minimum four photographs (during restoration & after restoration) photographs should be colories and at least one photo be captured in selfie mode

17/12/20 **17/12/20**
 Signature of JE/AE/EE

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कार्यपालक अभियंता
प्राथमिक कार्य विभाग
कार्य प्रबंधन कक्षा

17/12/2020

17.12.2020
 Signature

(Name of Inspector)
EE, RWD
Banaka-1



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 :	Pirpanti
NAME OF ROAD :	LO97- PMGSY Athniya Ramnagar Road to Kamtiya Tola		
Total Length of road	:	1.320	KMS
total cost of FDR. part - a	:	227405.00	
Add GST @ 12 %	:	27289.00	
Add labour cess @ 1%	:	2274.00	
Add S.F	:	14067.00	
Total cost of restoration work.	:	271035.00	2.711 Lac
SUBMITTED BY The Executive Engineer Works Division, Kahalgaon			

प्रतिवेदन

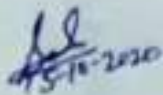
योजना का नाम— L097-PMGSY Athniya Ram Nagar Road to Kamtiya Tola (VR73)
प्रमंडल का नाम— ग्रामीण कार्य विभाग, कार्य प्रमंडल, कहलगाँव
अंचल— भागलपुर
पथ की लम्बाई— 1.320 कि० मी०
क्षतिग्रस्त भाग की लम्बाई— 21.00 मी०
प्राक्कलित राशि— 2.711 लाख

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-06.08.2020 के अलोक में स्थल पर पुनर्स्थापन कार्य के उपरांत तैयार किया गया है।

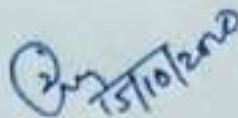
इस वर्ष 2020 में बाढ़/अतिवृष्टि के कारण जगह-जगह पर रोडकस्ट में कटाव के साथ-साथ पथ में एक पुराना 1.50 मी० का RCC Culvert भी क्षतिग्रस्त हुआ है। कटाव के कारण पथ से आवागमन बाधित हो गया था। पथ पंचवर्षीय अनुरक्षण अवधि में बाहर है।

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।

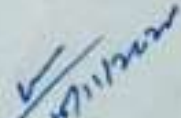
अतः प्राक्कलन का तकनीकी अनुमोदन दिये जाने की कार्रवाई की जा सकती है।


15/8/2020

कनीय अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, पीरपैती


15/8/2020

सहायक अभियंता
ग्रामीण कार्य विभाग,
कार्य अवर प्रमंडल, पीरपैती


15/8/2020

कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, कहलगाँव

GENERAL ABSTRACT OF COST

Name of Road : LO97- PMGSY Athniya Ramnagar
Road to Kamtiya Tola

District : BHAGALPUR

Length : 1.32 KM

Block : Pirpainti

Sl. No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Restoration work	:	1.32	227,405.00
B	Add G.S.T @ 12 %	:		27,289.00
C	Add L.C @ 1 %	:		2,274.00
C	Add S.F. @ 10% of (Material Qty x Basic Rate)	:		14,067.00
	Total Cost of Restoration work	:		271,035.00
			Say,	2.711 Lac

[Signature]
15/10/20
J. E.

[Signature]
15/10/20
A. E.

[Signature]
15/11/20
E. E.

Technically Approved for Rs 2.711 lac (Rupees two lac seventy one thousand).

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

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: LO97-PMGSY Athniya Rainnagar Road to Kantiya Tola Block: Pipaindi District: BHAGALPUR Length: 1.320 KM

Sl. No.	SSR Item No.	Description	No.	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rate (in Rs.)	Amount (in Rs.)
1	43	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. as complete job as per specification and direction of E.I. excluding carriage cost of bricks.								
		As per attached "Annexure - A"					132.33			
							132.33	cum	1718.47	227,405.00
							Total Cost of Flood Protective work =			227,405.00

J.E.
15/10/22

A.E.
15/10/2020

E.E.
15/10/2020

ANNEXURE - "A"

Brick Bat Measurement

Name of Road : LO97- PMGSY Athniya Ramnagar Road to Kamtiya Tola

Length of Road : 1.320

Sr.No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)
1	850	1	3.70	6.00	4.00		5.00	2.00	2.50	2.00	2.17	40.15
	873	1	10.00	6.00	6.00		6.00	0.70	1.00	2.00	1.23	73.80
	1150	1	7.00	4.00	3.50		3.75	0.50	0.60	1.00	0.70	18.38
											Total =	132.33

S.F = 132.33 x 1063.00 x 10% = RS. 14067

J. E.
15/10/2020

A. E.
15/10/2020

E. E.
15/10/2020

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										
				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	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. 1480.32	
2	Brick/ Brick Bats	Cum	Local	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	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	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. 686.44	
5	Hume Pipe (1000 mm)	M	Gadda	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. 373.26	
6	Hume Pipe (600 mm)	M	Gadda	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. 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	

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J. E.

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A. E.

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E. E.