



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 :	SABOUR
NAME OF ROAD :	LO28- NH-80 GOPALPUR		
Total Length of road	:	2.354	KMS
total cost of FDR. part - a	:	2.882	LACS
Add GST @ 12 %	:	0.346	LACS
Add labour cess @ 1%	:	0.029	LACS
Add Seigniorage Fee 10%	:	0.288	
Total cost of restoration work	:	3.545 3.826	LACS

SUBMITTED BY
The Executive Engineer
Works Division, Kahalgaon

FDR (2019-20)

तकनीकी प्रतिवेदन

पथ का नाम— **L028 - NH-80 GOPALPUR**

प्रखण्ड का नाम— **SABOUR**

योजना भीर्ष— **MR 3054/FDR**

पथ की लम्बाई— **2354 कि०मी०**

प्राक्कलित राशि— **3.545 लाख**

Damaged Length - 0.300 KM

प्रस्तुत पथ L028 - NH-80 GOPALPUR में अतिवृष्टि एवं बाढ़ के कारण क्षतिग्रस्त पथांशों में यातायात पुर्नस्थापन हेतु तैयार किया गया है। यह प्राक्कलन सचिव ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक—मु०अ०-4(मु०)विधि कार्य 23-116/17-2297, दिनांक—12.07.2019 के आदेश के आलोक में तैयार किया गया है।

उपर्युक्त पथ बाढ़ एवं अतिवृष्टि से क्षतिग्रस्त होने के कारण ग्रामीणों का आवागमन अवरूद्ध हो गया था, जिसके कारण तत्काल GSB Gr-II भरकर पथ को मोटरेबुल किया गया। कार्य विभागीय रूप से संपादित किया गया है।

प्रस्तुत प्राक्कलन वर्तमान अनुसूचित दर पर संवेदक लाभांश छोड़कर तैयार किया गया है। लोकहित एवं जनहित में प्राक्कलन की भूतलाक्षित प्रभाव (Post Fecto) स्वीकृति अपेक्षित है।

[Signature]
5.11.20
कनीय अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रशाखा. *[Signature]*

[Signature]
5.11.2020
सहायक अभियंता
ग्रामीण कार्य विभाग,
कार्य अवर प्रमंडल. *[Signature]*

[Signature]
5.11.2020
कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल. कहलगौव

GENERAL ABSTRACT OF COST

Name of Road : LO28- NH-80 GOPALPUR

District : BHAGALPUR

Length : 2.354

Block : SABOUR

Sl. No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Restoration work	:		2,88,188.00
B	Add G.S.T @ 12 %	:		34,583.00
C	Add L.C. @ 1 %	:		2,882.00
D	Add Seigniorage Fee 10%	:		28,818.80
	Total Cost of Restoration work	:		3,54,471.80
			Say,	3,54,471.80

Jib
5.11.20
J. E.

A.A.A.
5.11.2020
A. E.

W
5/11/20
E. E.

*Technically approved for Rs 3,326 lac (Rupees three
lac thirty two thousand six hundred only).*

W
8/12/20
Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur
19/12/20

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: LO28- NH-80 GOPALPUR

Block: SABOUR

District: BHAGALPUR Length : 2.354 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, 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"								
2	4.5	(By mix in place method) For Grading II Material Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.						cum		0.00
							136.00			
3		Photography & Videography of Road before maintainance & maintainence					136.00	cum	2082.27	2,83,188.00
							1.00	No.	5000.00	5000
								Total		288188.00

J. E.
5-11-20

A. E.
5-11-2020

E. E.
5/11/20

ANNEXURE - " A "

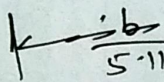
GSB Measurement

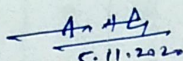
Name of Road : LO28- NH-80 GOPALPUR

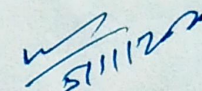
Length of Road : 2.354 KM

Sr.No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)
1	2054 - 2154	1	100.00	3.75	3.75		3.75	0.15			0.15	56.25
2	2154 - 2254	1	78.00	3.75	3.75		3.75	0.20			0.20	58.50
3	2254 - 2354	1	85.00	2.60	2.00		2.50	0.15			0.10	21.25
											Total =	136.00

Sp. - 136 m² x 1000 kg/m³ x 10% = 6913.00


5.11.20
J. E.


5.11.2020
A. E.


5/11/20
E. E.

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)
				Pucka / Surface					Katcha											
1	Stone Metal Gr-III / GSB	Cum	Mirjachauki	8.00	x	16.32	x	60.00 Km	=	Rs 1569.91	8.00	x	25.47	x	0.00 Km	=	Rs 0.00	172.07	0	Rs. 1741.98
				4.99							4.99									
2	Brick/ Brick Bats	Cum	Local	3.60	x	16.32	x	7.00 Km	=	Rs 215.33	3.60	x	25.47	x	1.00 Km	=	Rs 48.01	172.07	0	Rs. 435.40
				1.91							1.91									
3	Local Sand	Cum	Local	3.60	x	16.32	x	2.00 Km	=	Rs 57.60	3.60	x	25.47	x	1.00 Km	=	Rs 44.95	172.07	0	Rs. 274.62
				2.04							2.04									
4	Earth	Cum	Local	8.00	x	16.32	x	0.00 Km	=	Rs 0.00	8.00	x	25.47	x	1.00 Km	=	Rs 33.96	172.07	0	Rs. 206.03
				6.00							6.00									
5	Hume Pipe (1000 mm)	M	Purnia	8.00	x	16.32	x	60.00 Km	=	Rs 783.38	8.00	x	25.47	x	0.00 Km	=	Rs 0.00	164.19	0	Rs. 947.57
				10.00							10.00									
6	Hume Pipe (600 mm)	M	Purnia	8.00	x	16.32	x	60.00 Km	=	Rs 313.35	8.00	x	25.47	x	0.00 Km	=	Rs 0.00	164.36	0	Rs. 477.71
				25.00							25.00									

* Subjected to Verification of Lead

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	

J. E.
5.11.20

A. A. G.
5.11.2025
A. E.

E. E.