



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR REPAIRING OF ROAD F.D.R. PART - A (2021 - 22)

DETAILED ESTIMATE For F.D.R. Motrable Work

DISTRICT :	BHAGALPUR	BLOCK :	NATHNAGAR
NAME OF ROAD :	REO ROAD to RAGHOPUR		
Total Length of road	:	5.166 Km	
Total cost of Motorable work	:	5.17	Lacs
GST @12%	:	0.62	Lacs
Labour Cess @ 1%	:	0.05	Lacs
Seigniorage Fee @10%	:	0.30	Lacs
Total cost	:	6.13	Lacs

3

SUBMITTED BY
The Executive Engineer
RWD, Works Division, Bhagalpur

प्रतिवेदन

योजना का नाम — " REO ROAD to RAGHOPUR " पथ में बाढ़ से क्षतिग्रस्त भाग का मोटरेबुल कार्य।

पथ की लम्बाई — 5.166 कि०मी०

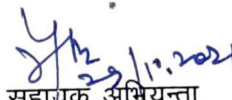
प्राक्कलित राशि — रु० 6.13263 लाख

वर्ष 2021 में गंगा नदी में आयी भयंकर बाढ़ से ग्रामीण कार्य विभाग, कार्य प्रमण्डल, कहलगाँव अन्तर्गत पीरपैती/कहलगाँव/सबौर एवं सन्हौला प्रखण्ड के लगभग 89 पथ /पुल बाढ़ से प्रभावित हुये हैं। इनमें कुछ पथों में कटाव/गड्ढे हो जाने के कारण विभाग द्वारा समय-समय पर प्राप्त दिशा निर्देशों /आदेशों के आलोक में तत्काल युद्धस्तर पर इन पथों को Brick-Bats/ Sand Bag, Bamboo Piling एवं GSP के द्वारा मोटरेबुल कार्य कराया गया है। मोटरेबुल कार्य के बाद सभी पथों में आवागमन चालू हो चुका है।

कराये गये कार्य का प्राक्कलन ग्रामीण कार्य विभाग, कार्य अंचल भागलपुर के पत्रांक दिनांक के द्वारा स्वीकृत दर पर तैयार किया गया है तथा इस कार्य का विवरण विभागीय MIS पर FDR Module में प्रविष्ट किया गया है।

कार्य के उपरान्त इसकी तकनीकी अनुमोदन सह तकनीकी स्वीकृति अपेक्षित है।


कनीय अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, नाथनगर


सहायक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल नाथनगर


कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल भागलपुर

GENERAL ABSTRACT OF COST

Name of Road : REO ROAD to RAGHOPUR

District : BHAGALPUR

Length of Road : 5.166 Km

Block : NATHINAGAR

Sl. No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Motorable work	:	5.17	5,16,584.00
B	GST @12%	:		61,990.08
C	Labour Cess @ 1%	:		5,165.84
D	Seigniorage Fee @10%	:		29,523.56
	Total Cost of Restoration work	:		6,13,263.48
			TOTAL COST	6,13,263.00

J. E. 29/10/24

A. E. 29/11/24

E. E. 6,13,263.00

Technically Sanctioned for Rs 6,13,263.00 (Rupees Six lakhs thirteen thousand three hundred only).

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road		HSO ROAD NO	THIRUPUR	Block	NATHANESWAR	District	THIRUPUR	Length	2.250	Km
No.	Order Number	Description	Qty	Length (m)	Width (m)	HPD (m)	Qty.	Unit	Prices (in Rs.)	Amount (in Rs.)
1	65	Proposing first lane including approaching taking stone bedding and sub-base with 1% sub-grade in surface and shoulders 1% over first lane including cost of light concrete drainage (single drainage), stone bedding etc. all materials etc. the job specification and quantity of 1st lane including carriage and 1%.								
		1st lane including "bedding" etc					288.21			
							288.21	sqm	7150.50	6.21 1650.50
2	66	Proposing and laying reinforced concrete concrete PCC up to the bed surface in single lane								
		Proposing and laying reinforced concrete concrete PCC up to the bed surface in both sides including of granular material in single lane including taking order with concrete mixer 1% ball including material, sub-base, and bedding, concrete and reinforcement work in both sides and carriage 1%.								
		1st lane including "bedding" etc	2	250			7.50			
							7.50	sqm	2550.75	24.21 150
									Total Cost =	8,76,264.50

W. J. E.

4/12/2021
A.E.



REO ROAD to RAGHOPUR

Brick Bat

Annexure- A

Chainage	No.	Length (In m)	Width (In m)	Depth (In m)	Qty (In Cum)	Remarks
	1	x 20.00	x 3.75	x 0.40	= 30.00	Pot Patch
	1	x 8.00	x 5.00 + 3.75	x 1.00	= 35.00	Pot Patch
			2.0			
	1	x 7.00	x 3.75	x 0.40	= 10.50	Pot Patch
	1	x 5.00	x 3.00	x 0.30	= 4.50	Pot Patch
	1	x 75.00	x 3.75	x 0.40	= 112.50	Pot Patch
	1	x 5.00	x 3.75	x 0.30	= 5.63	Pot Patch
	1	x 15.00	x 3.75	x 0.30	= 16.88	Pot Patch
	3	x 2.00	x 2.00	x 0.30	= 3.60	Pot Patch
	1	x 60.00	x 3.75	x 0.30	= 67.50	Pot Patch
				Total	= 286.10	Cum
<u>Less</u>	1	x 3.14	x $\frac{(1.150)^2}{2.0}$	x 5.00	= 5.19	Cum
			2.0	Total	= 280.91	Cum

J. E. *[Signature]* 29/10/21

A. E. *[Signature]* 25/10/2021

E. E. *[Signature]*

Carriage Cost of Material via Road

RWD, works Division, Bhagalpur

Name of Road : RED ROAD TO RAGHOPUR										Block : NATANAGAR					
1	Stone Metal Gr-II/Via Road	Cum	8.00 4.59	8.00 4.59	X 7.47	X 83 Km	= Rs 1080.63	8.00 4.59	X 18.09	X 0 Km	= Rs 0.00	183.62	1279.25	0.00	1279.25
2	Stone Metal Gr-III / GSB Via Road	Cum	8.00 4.99	8.00 4.99	X 7.47	X 83 Km	= Rs 994.00	8.00 4.99	X 18.09	X 0 Km	= Rs 0.00	183.62	1187.62	0.00	1187.62
3	Stone Aggregate / Chips Via Road	Cum	8.00 4.99	8.00 4.99	X 7.47	X 83 Km	= Rs 994.00	8.00 4.99	X 18.09	X 0 Km	= Rs 0.00	183.62	1187.62	0.00	1187.62
4	Stone Boulder /Via Road	Cum	8.00 4.80	8.00 4.80	X 7.47	X 83 Km	= Rs 1033.85	8.00 4.80	X 18.09	X 0 Km	= Rs 0.00	183.62	1228.87	0.00	1228.87
5	Coarse Sand/Via Road	Cum	8.00 4.99	8.00 4.99	X 7.47	X 36 Km	= Rs 431.13	8.00 4.99	X 18.09	X 0 Km	= Rs 0.00	104.88	536.01	0.00	536.01
	Mooram/Via Road	Cum	8.00 6.00	8.00 6.00	X 7.47	X 83 Km	= Rs 826.68	8.00 6.00	X 18.09	X 0 Km	= Rs 0.00	104.88	431.56	0.00	431.56
	Situmet Barauni/ Via Road	MT	8.00 8.00	8.00 8.00	X 7.47	X 125 Km	= Rs 933.75	8.00 8.00	X 18.09	X 0 Km	= Rs 0.00	865.00	1268.75	0.00	1268.75
	Situmet Emulsion /Via Road	MT	8.00 8.00	8.00 8.00	X 7.47	X 212 Km	= Rs 1583.64	8.00 8.00	X 18.09	X 0 Km	= Rs 0.00	865.00	1948.64	0.00	1948.64
9	Local Sand	Cum	8.00 4.99	8.00 4.99	X 7.47	X 2 Km	= Rs 23.95	8.00 4.99	X 18.09	X 1 Km	= Rs 24.00	104.88	137.83	0.00	137.83
10	Brick	1000 Nos	8.00 2.00	8.00 2.00	X 7.47	X 7 Km	= Rs 209.16	8.00 2.00	X 18.09	X 1 Km	= Rs 72.36	441.62	723.14	0.00	723.14
11	Cement	MT	8.00 8.00	8.00 8.00	X 7.47	X 7 Km	= Rs 52.29	8.00 8.00	X 18.09	X 0 Km	= Rs 0.00	317.64	369.93	0.00	369.93
12	Steel	MT	8.00 8.00	8.00 8.00	X 7.47	X 7 Km	= Rs 52.29	8.00 8.00	X 18.09	X 0 Km	= Rs 0.00	337.70	389.99	0.00	389.99
13	Hume Pipe (1000 mm.)	M	8.00 10.00	8.00 10.00	X 7.47	X 68 Km	= Rs 406.37	8.00 10.00	X 18.09	X 0 Km	= Rs 0.00	75.69	482.06	0.00	482.06
14	Hume Pipe (600 mm.)	M	8.00 25.00	8.00 25.00	X 7.47	X 68 Km	= Rs 162.55	8.00 25.00	X 18.09	X 0 Km	= Rs 0.00	32.44	194.99	0.00	194.99
15	Hume Pipe (300 mm.)	M	8.00 60.00	8.00 60.00	X 7.47	X 68.00 Km	= Rs 67.73	8.00 60.00	X 19.82	X 0 Km	= Rs 0.00	32.44	100.17	0.00	100.17
16	Bamboo	Nos	8.00 8.00	8.00 8.00	X 7.47	X 42 Km	= Rs 313.74	8.00 8.00	X 19.82	X 0 Km	= Rs 0.00	317.64	369.93	0.00	369.93
17	Brick bats	Cum	8.00 2.00	8.00 2.00	X 7.47	X 7 Km	= Rs 209.16	8.00 2.00	X 18.09	X 1 Km	= Rs 72.36	183.62	1274.25	0.00	1274.25
18	Klm Rubbish	Cum	8.00 2.00	8.00 2.00	X 7.47	X 7 Km	= Rs 209.16	8.00 2.00	X 18.09	X 1 Km	= Rs 72.36	104.88	157.83	0.00	157.83

W. J. C.

8/10/2021

21/11/21

SL No	Name Of District	Name of Work Division	Road Name	Head/ Scheme	Road Status (Complete/ Ongoing)	Whether Is In Maintenance Period(Y/N)	Length Of The Road (KM)	Length Of Damaged Part Due To Flood	Amount Of Restoration	Remarks
1	2	3	4	5	6	7	8	9	10	11
1	Bhagalpur	Bhagalpur	NH-80 To Bhuwalpur	FDR	Complete	No	1.57	300M	2.29 Lacs	
2			REO Road Haridaspur To Didarpur		Complete	Yes	4	300M	1.5 Lacs	
3			REO Road To Raghonpur		Complete	No	5.166	143M	6.3 Lacs	
4			L036 To Ganga Prasad		Complete	No	4.71	57M	2.12 Lacs	
5			RWD Road Makandpur More To Bharat Rasalpur		Complete	No	1.909	30M	1.90 Lacs	
6			NH-80 Near Champanala To Raghonpur		Ongoing	Yes	3.9	403.5M	4.59 Lacs	

J.E
RWD (Works) Division
Bhagalpur
Sub Division Nathnagar

A.E
RWD (Works) Division
Bhagalpur
Sub Division Nathnagar

Executive Engineer
RWD (Works) Division
Bhagalpur

Inspection Report For Flood Damage Work

Date:- 5/12/2021

1. Name of PIUs -

2. Name of Block/ Road

Executive Engineer, RWD Bhagalpur
Nathnagar / R.E.O Road to Rajshapur

A. For Road

1. Damage Location/Chainage - 1 km 8 3rd km

2. Damage length 143.00 m

3. Nature of Damage bitches, B grade-3 & BT

4. Detail of Restoration Works

(i) Material being used in Restoration Works: bricks bot, Hume pipe

(ii) Equipment's/ Tools Being used in Restoration Works: JCV, tractor, main power

(iii) Procedure Taken up in Restoration Works: Manually

(iv) Restored Length: 143.00 m

B. For Bridge

1. Damage Location/Chainage

2. Damage length

3. Nature of Damage

4. Detail of Restoration Works

(i) Material being used in Restoration Works:

(ii) Equipment's/ Tools Being used in Restoration Works:

(iii) Procedure Taken up in Restoration Works:

(iv) Restored Length:

Nil

C. Requirement Of New CD/Bridges

(i) Name of Road:

(ii) Location/ Chainage

(iii) Type of CD Work/Length required

Notes:-

- Upload one Photograph of damaged portion if available
- Attach minimum Two Photograph (during restoration & after restoration) Photographs should be Geotags and at Least one Photo be captured in selfie mode.

(Motorable work found Satisfactory)

Signature of JE/AE/EE

Signature

Signature
(Name of Inspector)
RANSHISH PRASAD