



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. Motorable Work

DISTRICT :	BHAGALPUR	BLOCK :	NATHNAGAR
NAME OF ROAD :			
RWD Road Makandpur More to Bharat Rasalpur			
Total Length of road	:	1.909 Km	
Total cost of Motorable work	:	1.61	Lacs
GST @12%	:	0.19	Lacs
Labour Cess @ 1%	:	0.02	Lacs
Seigniorage Fee @10%	:	0.09	Lacs
Total cost	:	1.90	Lacs
 SUBMITTED BY The Executive Engineer RWD, Works Division, Bhagalpur			

प्रतिवेदन

योजना का नाम – " RWD Road Makandpur More to Bharat Rasalpur " पथ में
बाढ़ से क्षतिग्रस्त भाग का मोटरबुल कार्य।

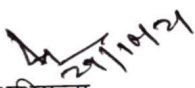
पथ की लम्बाई – 1.909 कि०मी०

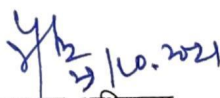
प्राक्कलित राशि – रू० 1.90419 लाख

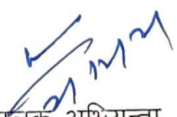
वर्ष 2021 में गंगा नदी में आयी भयंकर बाढ़ से ग्रामीण कार्य विभाग, कार्य प्रमण्डल, कहलगाँव अन्तर्गत पीरपैती/कहलगाँव/सबौर एवं सन्हौला प्रखण्ड के लगभग 89 पथ /पुल बाढ़ से प्रभावित हुये हैं। इनमें कुछ पथों में कटाव/गड़ढे हो जाने के कारण विभाग द्वारा समय-समय पर प्राप्त दिशा निर्देशों /आदेशों के आलोक में तत्काल युद्धस्तर पर इन पथों को Brick-Bats/ Sand Bag, Bamboo Piling एवं GSB के द्वारा मोटरबुल कार्य कराया गया है। मोटरबुल 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 : RWD Road Makandpur More to
Bharat Rasalpur

District : BHAGALPUR

Length of Road : 1.909 Km

Block : NATHNAGAR

Sl. No	Particulars	Details	Total Cost (in Rs.)
A	Cost of Road Motorable work	: 1.91	160705 4,60,628.90
B	GST @12%	:	19285 19,283.76
C	Labour Cess @ 1%	:	1607 1,600.98
D	Seigniorage Fee @10%	:	8830 8,830.03
	Total Cost of Restoration work	:	190427 1,90,419.77
		TOTAL COST	1,90,419.00

J. E. 29/11/21

A. E. 2/10/21

E. E. 1,90,400 = 20

Technically sanctioned for Rs 1,90,400 = 20 (Rupees one lakh ninety thousand four hundred) only.

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: RWD Road Makandpur More to Bharat
Rasulpur

Block: NATHNAGAR

District: BHAGALPUR

Length : 9.320 KM

Sl. No.	SSR Item No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rates (in Rs.)	Amount (in Rs.)
1	4.3	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"					84.02			
							84.02	Cum	1750.04	147038.00
2	4.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106								
		As per attached "Annexure - B"	3	2.50			7.50			
							7.50	Rm	1822.32	13667.00
									Total Cost =	150695.00

147038

160705

J. E. 27/10/21

4/10/21
A. E. 25/10.2021

E. E.

RWD Road Makandpur More to Bharat Rasalpur

Brick Bat

Annexure- A

Chainage	No.	Length (in m)	Width (in m)	Depth (in m)	Qty (in Cum)	Remarks
	1	x 15.00	x 5.00 + 4.00	x 1.00	= 67.50	Pot Patch
			2.0			
	1	x 10.00	x 3.00	x 0.50	= 15.00	Pot Patch
	1	x 5.00	x 2.00	x 0.30	= 3.00	Pot Patch
				Total	= 85.50	Cum
<u>Less</u>	1	x 3.14	x $\frac{(615)^2}{2.0}$	x 5.00	= 1.48	Cum
					84.02	Cum

29/10/21
J.C.

4/12
28/10.2021
G.M.

29/10/21

Carriage Cost of Material via Road

RWD, works Division, Bhagalpur

Name of Road : RWD Road Makandpur More to Bharat Rasulpur

Block : NATHINAGAR

1	Stone Metal (6-11) Via Road	Cum	Mittra Choudh	8.00 x 7.47 x 0.3 Km = Rs 1000.64	4.59	18.09 x 0.8 Km = Rs 0.00	193.62	1274.25	0.00	1274.25
2	Stone Metal (6-11) / GSB Via Road	Cum	Mittra Choudh	8.00 x 7.47 x 0.3 Km = Rs 994.00	4.99	18.09 x 0.8 Km = Rs 0.00	193.62	1187.62	0.00	1187.62
3	Stone Aggregate / Chips Via Road	Cum	Mittra Choudh	8.00 x 7.47 x 0.3 Km = Rs 994.00	4.99	18.09 x 0.8 Km = Rs 0.00	193.62	1187.62	0.00	1187.62
4	Stone Boulder / Via Road	Cum	Mittra Choudh	8.00 x 7.47 x 0.3 Km = Rs 1033.35	4.80	18.09 x 0.8 Km = Rs 0.00	193.62	1226.97	0.00	1226.97
5	Coarse Sand / Via Road	Cum	Hannam	8.00 x 7.47 x 0.36 Km = Rs 431.13	4.99	18.09 x 0.8 Km = Rs 0.00	194.88	536.01	0.00	536.01
	Mosam / Via Road	Cum	Mittra Choudh	8.00 x 7.47 x 0.3 Km = Rs 825.63	6.00	18.09 x 0.8 Km = Rs 0.00	194.88	931.56	0.00	931.56
	Ritumen Barum / Via Road	MT	Barum	8.00 x 7.47 x 1.25 Km = Rs 533.75	8.00	18.09 x 0.8 Km = Rs 0.00	365.00	1298.75	0.00	1298.75
	Ritumen Emulsion / Via Road	MT	Samha	8.00 x 7.47 x 2.12 Km = Rs 1533.64	8.00	18.09 x 0.8 Km = Rs 0.00	365.00	1948.64	0.00	1948.64
9	Local Sand	Cum	Local	8.00 x 7.47 x 2.8 Km = Rs 23.95	4.99	18.09 x 1.6 Km = Rs 29.00	104.88	157.83	0.00	157.83
10	Brick	1000 Nos	Local	8.00 x 7.47 x 7.8 Km = Rs 209.16	2.00	18.09 x 1.6 Km = Rs 72.36	441.62	723.14	0.00	723.14
11	Cement	MT	Local	8.00 x 7.47 x 7.8 Km = Rs 52.29	8.00	18.09 x 0.8 Km = Rs 0.00	317.64	369.93	0.00	369.93
12	Steel	MT	Local	8.00 x 7.47 x 7.8 Km = Rs 52.29	8.00	18.09 x 0.8 Km = Rs 0.00	337.70	390.00	0.00	390.00
13	Hum Pipe (1000 mm)	M	Gadda	8.00 x 7.47 x 6.8 Km = Rs 406.37	10.00	18.09 x 0.8 Km = Rs 0.00	75.09	481.46	0.00	481.46
14	Hum Pipe (600 mm)	M	Gadda	8.00 x 7.47 x 6.8 Km = Rs 162.85	25.00	18.09 x 0.8 Km = Rs 0.00	52.44	194.88	0.00	194.88
15	Hum Pipe (300 mm)	M	Gadda	8.00 x 7.47 x 6.8 Km = Rs 67.73	60.00	18.09 x 0.8 Km = Rs 0.00	52.44	194.17	0.00	194.17
16	Bamboo	Nos	Kumela	8.00 x 7.47 x 4.2 Km = Rs 313.74	8.00	18.09 x 0.8 Km = Rs 0.00	317.64	369.93	0.00	369.93
17	Brick bats	Cum	Local	8.00 x 7.47 x 7.8 Km = Rs 209.16	2.00	18.09 x 1.6 Km = Rs 72.36	193.62	1274.25	0.00	1274.25
18	Klm Rubbish	Cum	Local	8.00 x 7.47 x 7.8 Km = Rs 209.16	2.00	18.09 x 1.6 Km = Rs 72.36	194.88	157.83	0.00	157.83

22/12/2021

29/10/2021

G.D.

22/12/21

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 the Road (Part Due to Road)	Amount of Reservation	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 Hiridaspur To Didarpur		Complete	Yes	4	300M	1.5 Lacs	
3			REO Road To Raghopur		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 Bhurat Rusulpur		Complete	No	1.909	30M	1.90 Lacs	
6			NH-80 Near Champamalla To Raghopur		Ongoing	Yes	3.9	403.5M	4.59 Lacs	

J.E
W. S. Mishra
RWD (Works) Division
Bhagalpur
Sub Division Nathnagar

W. S. Mishra
A.E
RWD (Works) Division
Bhagalpur
Sub Division Nathnagar

W. S. Mishra
Executive Engineer
RWD (Works) Division
Bhagalpur

Inspection Report For Flood Damage Work

Date:- 5/12/2024

1. Name of PIU's -

2. Name of Block/ Road

Executive Engineer, RWD Bhagalpur
Nathnagar / RWD Road Markandpu
near Bhagal Roadpur

A. For Road

1. Damage Location/Chainage At 1900 m

2. Damage length 30 m

3. Nature of Damage ditch

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: 30.00 m

bricks bat, hume Pipe
Tractor, JCB, hand
Power
Manually

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:

N/A

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
5/12/24

Signature
(Name of Inspector)
RAMESH K. PRASAD