



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 :	NH80 to Bhuwalpur		
Total Length of road	:	1.570 Km	
Total cost of Motorable work	:	1.93	Lacs
GST @12%	:	0.23	Lacs
Labour Cess @ 1%	:	0.02	Lacs
Seigniorage Fee @10%	:	0.10	Lacs
Total cost	:	2.29	Lacs
			
SUBMITTED BY The Executive Engineer RWD, Works Division, Bhagalpur			

प्रतिवेदन

योजना का नाम - " NH80 near Champanala to Raghapur " पथ में बाढ़ से क्षतिग्रस्त
भाग का मोटरेबुल कार्य।

पथ की लम्बाई - 3.900 कि०मी०

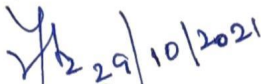
प्राक्कलित राशि - रू० 4.59268 लाख

वर्ष 2021 में गंगा नदी में आयी भयंकर बाढ़ से ग्रामीण कार्य विभाग, कार्य प्रमण्डल, कहलगाँव अन्तर्गत पीरपैती/कहलगाँव/सबौर एवं सन्धौला 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 GSB 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 : NH80 to Bhuwalpur

District : BHAGALPUR

Length of Road : 1.570 Km

Block : NATHNAGAR

Sl. No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Motorable work	:	1.57	193236 1,93,220.00
B	GST @12%	:		23188 23,187.36
C	Labour Cess @ 1%	:		1932 1,932.28
D	Seigniorage Fee @10%	:		10274 10,273.69
	Total Cost of Restoration work	:		228638 2,28,621.33
			Say Rs.	2,28,621.00

2,28,621.00

J. E.

A. E.

E. E.

Technically Sanctioned for Rs 2,28,621.00 (Rupees two lakhs twenty eight thousand six hundred and twenty one only).

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: NH80 to Bhuwalpur

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	4.5	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"					84.38			
							84.38	cum	1750.04	1,47,660.00
2	4.5	Granular Sub-base with Well Graded Material (Table 400.1) (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.								
		As per attached "Annexure - B"					19.50			
							19.50	cum	2336.82	45,568.00
								Total Cost =		1,93,228.00

J. E.

A. E.

E: ~~E~~

NHRO to Bhuwalpur

Brick Bat

Chainage	No.	Length (In m)	Width (In m)	Depth (In m)	Qty (In Cum)	Remarks
	1	x 25.00	x 3.75	x 0.50	= 46.88	Pot Patch
	1	x 20.00	x 3.75	x 0.50	= 37.50	Pot Patch
				Total	= 84.38	Cum

Annexure- A

GSB

	1	x 25.00	x 3.75	x 0.10	= 9.38	Pot Patch
	1	x 27.00	x 3.75	x 0.10	= 10.13	Pot Patch
				Total	= 19.50	cum

Annexure- B

29/10/21
J.E.

29/10/21
Kor. 01/10
4m.

29/10/21

Carriage Cost of Material via Road

RWD, works Division, Bhagalpur

Name of Road : NH80 to Bhuwalpur										Block : NATHNAGAR					
1	Stone Metal Gr-II/Via Road	Cum	Mirza Cheukli	8.00 4.59	x 7.47	x 83 Km	= Rs 1000.63	8.00 4.59	x 18.09	x 0 Km	= Rs 0.00	193.62	1274.25	0.00	1274.25
2	Stone Metal Gr-III / GSB Via Road	Cum	Mirza Cheukli	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	193.62	1187.62	0.00	1187.62
3	Stone Aggregate / Chips Via Road	Cum	Mirza Cheukli	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	193.62	1187.62	0.00	1187.62
4	Stone Boulder /Via Road	Cum	Mirza Cheukli	8.00 4.80	x 7.47	x 83 Km	= Rs 1033.35	8.00 4.80	x 18.09	x 0 Km	= Rs 0.00	193.62	1226.97	0.00	1226.97
5	Coarse Sand/Via Road	Cum	Hanmara	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	Mirza Cheukli	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	931.56	0.00	931.56
	Bitumen Barauni/ Via Road	MT	Barauni	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	365.00	1298.75	0.00	1298.75
	Bitumen Emulsion /Via Road	MT	Fatuha	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	365.00	1948.64	0.00	1948.64
9	Local Sand	Cum	Local	8.00 4.99	x 7.47	x 2 Km	= Rs 23.95	8.00 4.99	x 18.09	x 1 Km	= Rs 29.00	104.88	157.83	0.00	157.83
10	Brick	1000 Nos	Local	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	Local	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	Local	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	Godda	8.00 10.00	x 7.47	x 68 Km	= Rs 406.37	8.00 10.00	x 10.09	x 0 Km	= Rs 0.00	75.69	482.06	0.00	482.06
14	Hume Pipe (600 mm)	M	Godda	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	Godda	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	Kursela	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	631.38
17	Brick bats	Cum	Local	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	193.62	1274.25	0.00	475.14
18	Kflu Rubbish	Cum	Local	8.00 2.00	x 7.47	x 7 Km	= Rs 209.16	8.00 2.00	x 10.09	x 1 Km	= Rs 72.36	104.88	157.83	0.00	386.40


 29/10.2021
 G. D.


 T. C.



Sl. No	Name Of District	Name of Work Division	Road Name	Plan/ Scheme	Road Status (Complete/ Ongoing)	Whether Is In Maintenance or Not (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			NH-80 To Bhawalpur		Complete	No	1.57	300M	2.79 Lacs	
2			REC Road Hardaspur To Didarpur		Complete	Yes	4	300M	1.5 Lacs	
3			REC Road To Raghohpur		Complete	No	5.166	143M	6.3 Lacs	
4			1.036 To Ganga Prasad		Complete	No	4.71	57M	2.12 Lacs	
5			RWD Road Makandpur More To Bharat Rasulpur		Complete	No	1.909	30M	1.90 Lacs	
6			NH-80 Near Champannala To Raghohpur		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: 5/11/2024 Executive Engineer, RWD Bhagalpur

1. Name of PIUs -

2. Name of Block/ Road Nathnagar / NH 80 to Bhurwalpur

A. For Road

1. Damage Location/Chainage At 300 m

2. Damage length 47.00 m

3. Nature of Damage surface damaged

4. Detail of Restoration Works

(i) Material being used in Restoration Works: Bricks bat s G & B

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

(iii) Procedure Taken up in Restoration Works: JCB main power manually

(iv) Restored Length: 47.00 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:

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

(Name of Inspector)

RAMASHISH PRASAD