



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 :	L036 to GangaPrasad			
Total Length of road	:	4.710 Km		
Total cost of Motorable work	:	1.79	Lacs	
GST @12%	:	0.22	Lacs	
Labour Cess @ 1%	:	0.02	Lacs	
Seigniorage Fee @10%	:	0.10	Lacs	
Total Cost	:	2.12	Lacs	
 SUBMITTED BY The Executive Engineer RWD, Works Division, Bhagalpur				

प्रतिवेदन

योजना का नाम — " L036 to GangaPrasad" पथ में बाढ़ से क्षतिग्रस्त भाग का मोटरबुल कार्य।

पथ की लम्बाई — 4.710 कि०मी०

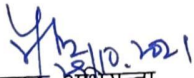
प्राक्कलित राशि — रू० 2.02495 लाख

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 470 दिनांक 22.06.2021 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 : L036 to GangaPrasad

District : BHAGALPUR

Length of Road : 4.710 Km

Block : NATHNAGAR

Sl. No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Motorable work	:	4.71	179207 1,79,199.00
B	GST @12%	:		21505 21,503.88
C	Labour Cess @ 1%	:		1792 4,791.99
D	Seigniorage Fee @10%	:		9994 9,994.19
	Total Cost of Restoration work	:		212,498 2,02,494.07
			SAY	2,02,495.00

212,500 = 20

J. E.

A. E.

E. E.

Technically Sanctioned for Rs 212,500 = 20 (Rupees two
lacs twelve thousand five hundred) only.

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur
29/11/24

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: L036 to GangaPrasad

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"					87.38			
							87.38	cum	1750.04	1,52,918.00
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"					11.25			
							11.25	cum	2336.82	26,289.00
Total Cost of Flood Protective work =										1,79,207.00

152918

179,207

J. E. 29/11/21

A. E. 28/10.23

E. E.

L036 to Ganga Prasad

Brick-Sats Details

Annexure- A

Chainage	No.	Length (in m)	Width (in m)	Depth (in m)	Qty (in Cum)	Remarks
<u>Near Old Damage</u>	1 x	14.00	x 4.50	x 1.00	= 63.00	Pot Patch
<u>Bridge</u>	1 x	13.00	x 3.75	x 0.50	= 24.38	Pot Patch
				Total	= 87.38 cum	

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29/10/21
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GSB Grading II

Amazura-B

Chainage	No.	Length (in m)	Width (in m)	Depth (in m)	Qty (in Cum)	Remarks
<u>Near School</u>	1	x 20.00	x 3.75	x 0.15	11.25	Foot Path
Total					= 11.25 cum	

[Signature]
29/10/21
J.C.

[Signature]
2/10/2021
G.M.

[Signature]
21/10/21

Carriage Cost of Material via Road

RWD, works Division, Bhagalpur

Name of Road : L036 to GangaPrasad										Block : NATHNAGAR				
1	Stone Metal Gr-II/Via Road	Cum	Mirza Cheukl	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	193.62	1274.25	1274.25
2	Stone Metal Gr-III / GSB Via Road	Cum	Mirza Cheukl	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	1187.62
3	Stone Aggregate / Chips Via Road	Cum	Mirza Cheukl	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	1187.62
4	Stone Boulder /Via Road	Cum	Mirza Cheukl	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	1226.97
5	Coarse Sand/Via Road	Cum	Hammara	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	536.01
	Mooram /Via Road	Cum	Mirza Cheukl	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	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	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	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	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	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	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	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 18.09	x 0 Km	= Rs 0.00	75.69	482.06	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	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	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	631.38	631.40
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	475.14	475.14
18	Klin Rubbish	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	104.88	386.40	386.40

25/11/2024
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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			NH-80 To Bhuwalpur		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 Raghupur		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 Champapala To Raghupur		Ongoing	Yes	3.9	403.5M	4.59 Lacs	


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


 J.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 PIU's - Executive Engineer, RWD Bhagalpur
2. Name of Block/ Road Nath Nefar, LD36 to Ganga Prasad

A. For Road

1. Damage Location/Chainage 1.00 km
2. Damage length 23rd km
3. Nature of Damage 47.00 m
3. Nature of Damage BI 9 Gr. 3 damaged
4. Detail of Restoration Works
- (i) Material being used in Restoration Works: GSB
- (ii) Equipment's/ Tools Being used in Restoration Works: Roller, tractor, & motor pump
- (iii) Procedure Taken up in Restoration Works: Manually
- (iv) Restored Length: 20.00 m

B. For Bridge

1. Damage Location/Chainage at 2200 m
2. Damage length 37 m
3. Nature of Damage Approach road & span damaged
4. Detail of Restoration Works
- (i) Material being used in Restoration Works: bricks bit
- (ii) Equipment's/ Tools Being used in Restoration Works: Tractor, JCB
- (iii) Procedure Taken up in Restoration Works: Manually
- (iv) Restored Length: 37.00 m

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)

ANAND KISHAN PRASAD