



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

T. A. COPY

DISTRICT :	BHAGALPUR	BLOCK :	Sanhaula
NAME OF ROAD :	L027 Sanhaulla to Nathuchak		
Total Length of road :	6.250 KM		
Total Cost of FDR - (Part A) :	13.49 ^{13.62}	Lakh	
GST @ 12 % :	1.62 ^{1.63}	Lakh	
LABOUR CESS @ 1 % :	0.13 ^{0.14}	Lakh	
SEIGNIORAGE FEE @ 10 % :	0.60 ^{0.65}	Lakh	
TOTAL COST OF RESTORATION WORK :	15.84	Lakh	
16.04 SUBMITTED BY The Executive Engineer Rural Work Department Works Division, Kahalgaon			

Inspection Report For Flood Damage Work

सन्दीपा

Date:- 10/12/2021

1. Name of PIUs - E.E. RWD(w) Division, Kahalgau.

2. Name of Block/ Road Sanhaua/ Lo-27 Sanhaua to Nathuchak.

A. For Road

1. Damage Location/Chainage ch 0 to 0.400 km

2. Damage length 53 m

3. Nature of Damage Road Left Side Cutting.

4. Detail of Restoration Works

(i) Material being used in Restoration Works: Brick Bat, Bamboo pile and EC Bag.

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

(iii) Procedure Taken up in Restoration Works:

(iv) Restored Length: $(1 \times 26 \text{ m})$ and $(1 \times 27 \text{ m}) = 53 \text{ m}$ in two cutting.

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 AE
JE

कार्यपालक अभियंता
प्राचीन कार्य विभाग
कार्य प्रमंडल कहलगाँव

Signature
(Name of Inspector)
EE
RWD(w) Div)
Banke-1

प्रतिवेदन

योजना का नाम - " Sanhaura to Nathuchak" पथ में बाढ़ से क्षतिग्रस्त भाग का मोटरेबुल कार्य।

पथ की लम्बाई - 6.250 कि०मी०
15.91750

प्राक्कलित राशि - रू० 15.84232 लाख

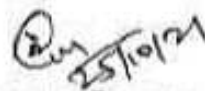
वर्ष 2021 में गंगा नदी में आयी भयंकर बाढ़ से ग्रामीण कार्य विभाग, कार्य प्रमण्डल, कहलगाँव अन्तर्गत पीरपैती/कहलगाँव/सबौर एवं सन्हौला प्रखण्ड के लगभग 89 पथ /पुल बाढ़ से प्रभावित हुये हैं। इनमें कुछ पथों में कटाव/गड्ढे हो जाने के कारण विभाग द्वारा समय-समय पर प्राप्त दिशा निर्देशों /आदेशों के आलोक में तत्काल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

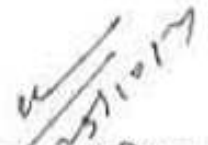
कार्य के उपरान्त इसकी तकनीकी अनुमोदन सह तकनीकी स्वीकृति अपेक्षित है।



कनीय अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, सन्हौला



सहायक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल सन्हौला



कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल कहलगाँव

GENERAL ABSTRACT OF COST

Name of Road : L027 Sanhaulla to Nathuehak

District : BHAGALPUR

Length of Road : 6.250 KM

Block : Sanhaulla

Sl. No	Particulars	Details	Total Cost (in Rs.)
A	Cost of Road Motorable work	6.25	1402996.20 13,49,185.00 13,61,910.20
B	GST @12%		168360.20 1,61,899.80 16,34,292.20
C	Labour Cess @ 1%		14030.20 13,491.85 13,619.1
D	Seigniorage Fee @10%		65049.20 59,675.78 16,50,423.20
	Total Cost of Restoration work	16,04,007	16,84,232.23
		SAY	15,84,232.00

[Signature]
J. E.

[Signature]
A. E.

[Signature]
E. E.

~~Technically sanctioned for Rs 16,50,423.20 (Rupees Sixteen lak fifty thousand four hundred only).~~

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur
[Signature]

[Signature]

Technically Sanctioned for Rs 16,04,000-00 (Rupees
Sixteen Lac Four thousand) only.

[Signature]

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

Brick Bat Measurement

Length of Road : 6.250

Sr.No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (m)	Depth (m)		Average Depth (m)	Quantity (cum)
1	0 - 400	1	26.00	5.00	4.00	3.00	4.00	3.00	2.00	2.50	260.00
		1	27.00	5.00	4.00	3.00	4.00	3.20	2.50	2.85	307.80
										Total =	567.80

12.0

4

Measurement of E.C. Bags

ANNEXURE - " B "

Sr. No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (m)	Depth (m)		Average Depth (m)	Quantity (cum)	Quantity (No of bag)
1	0 - 400	1	26.00	4.00	3.00	1.00	2.67	3.00	2.00	2.50	173.55	5104
		1	27.00	4.00	3.00	1.00	2.67	3.2	2.5	2.85	205.46	6043
										Total =	379.01	11147

12.0

4.0

20/10/21
AE

20/10/21
AE

20/10/21

Material Statement and S.F Calculation

L027 Sanhaulla to Nathuchak						Pirpainti		
Sl. No.	Description of Work	material Details	unit	Per Unit Qty	Consumen d Qty	Rate of material	Total Rate	Total amount
1	Brick Bats	Brick bats	Cum	2.83		1051.00	2976.43	
		Cost of 2.832 Cum = A					2976.43	
		Rate per Cum = (A/2.832)			567.80		1051.00	59675.78
								Total Rs. 59675.78

25/10/21
J.E

25/10/21
J.E

Carriage Cost of Material via Road

RWD, works Division, Kahalgau

Division - Kahalgau

District:- BHAGALPUR

Sl No	Item	Unit	Source	Price / Surface	Carriage Cost & Load in Km	Katcha	Loading & Unloading Cost	Carriage By Road	Carriage By Rail	Total	Lowest Rate
1	Stone Metal Gr-II/Via Road	Cum	Mirza Chendi	8.00 x 7.47 x 52 Km	= Rs 677.02	8.00 x 18.09 x 0 Km = Rs 0.00	193.62	870.64	0.00	870.64	870.64
2	Stone Metal Gr-III / GSII Via Road	Cum	Mirza Chendi	8.00 x 7.47 x 52 Km	= Rs 622.75	8.00 x 18.09 x 0 Km = Rs 0.00	193.62	816.37	0.00	816.37	816.37
3	Stone Aggregate / Claps Via Road	Cum	Mirza Chendi	8.00 x 7.47 x 52 Km	= Rs 622.75	8.00 x 18.09 x 0 Km = Rs 0.00	193.62	816.37	0.00	816.37	816.37
4	Stone Boulder /Via Road	Cum	Mirza Chendi	8.00 x 7.47 x 52 Km	= Rs 647.40	8.00 x 18.09 x 0 Km = Rs 0.00	193.62	841.02	0.00	841.02	841.02
5	Coarse Sand/Via Road	Cum	Hanwara	8.00 x 7.47 x 36 Km	= Rs 421.13	8.00 x 18.09 x 0 Km = Rs 0.00	104.88	536.01	0.00	536.01	536.01
6	Mooram/Via Road	Cum	Mirza Chendi	8.00 x 7.47 x 52 Km	= Rs 517.92	8.00 x 18.09 x 0 Km = Rs 0.00	104.88	622.80	0.00	622.80	622.80
7	Blutamen Barwasi/Via Road	MT	Barwasi	8.00 x 7.47 x 125 Km	= Rs 933.75	8.00 x 18.09 x 0 Km = Rs 0.00	365.00	1298.75	0.00	1298.75	1298.75
8	Blutamen Emission/Via Road	MT	Fatuba	8.00 x 7.47 x 212 Km	= Rs 1583.64	8.00 x 18.09 x 0 Km = Rs 0.00	365.00	1948.64	0.00	1948.64	1948.64
9	Local Sand	Cum	Local	8.00 x 7.47 x 2 Km	= Rs 23.95	8.00 x 18.09 x 1 Km = Rs 28.00	104.88	157.83	0.00	157.83	157.83
10	Bridle	1000 Nos	Local	8.00 x 7.47 x 7 Km	= Rs 209.16	8.00 x 18.09 x 1 Km = Rs 72.36	441.62	723.14	0.00	723.14	723.14
11	Cement	MT	Local	8.00 x 7.47 x 7 Km	= Rs 52.29	8.00 x 18.09 x 0 Km = Rs 0.00	317.64	369.93	0.00	369.93	369.93
12	Steel	MT	Local	8.00 x 7.47 x 7 Km	= Rs 52.29	8.00 x 18.09 x 0 Km = Rs 0.00	337.70	389.99	0.00	389.99	389.99
13	Hum Pipe (1000 mm)	M	Gadda	8.00 x 7.47 x 50 Km	= Rs 346.01	8.00 x 18.09 x 0 Km = Rs 0.00	75.69	422.30	0.00	422.30	422.30
14	Hum Pipe (600 mm)	M	Gadda	8.00 x 7.47 x 58 Km	= Rs 338.64	8.00 x 18.09 x 0 Km = Rs 0.00	32.44	171.08	0.00	171.08	171.08
15	Hum Pipe (300 mm)	M	Gadda	8.00 x 7.47 x 58 Km	= Rs 57.77	8.00 x 19.82 x 0 Km = Rs 0.00	32.44	90.21	0.00	90.21	90.21
16	Bamboo	Nos	Kursela	8.00 x 7.47 x 42 Km	= Rs 313.74	8.00 x 19.82 x 0 Km = Rs 0.00	317.64	631.38	0.00	631.38	631.38
17	Brick bats	Cum	Local	8.00 x 7.47 x 7 Km	= Rs 209.16	8.00 x 18.09 x 1 Km = Rs 72.36	193.62	870.64	0.00	870.64	870.64
18	Nim Rubbish	Cum	Local	8.00 x 7.47 x 7 Km	= Rs 209.16	8.00 x 18.09 x 1 Km = Rs 72.36	104.88	157.83	0.00	157.83	157.83

• Subjected to Verification of Load

Cost Of Material Excluding Loading & Unloading As Per 308

Type of Road	Per Ton. Km. In Tipper	Per Ton. Km. In
For Surface Road	8.19	7.47
For Un Surface Road	8.85	8.99
For Kachha Road	19.92	18.09

[Signature]
Junior Engineer

[Signature]
Asst. Engineer

Executive Engineer