



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 :	Pirpainti
NAME OF ROAD :	Moul Tola to Budhu Chak		
Total Length of road	:	3.50 KM	
Total Cost of FDR - (Part A)	:	0.60	Lakh
GST @ 12 %	:	0.07	Lakh
LABOUR CESS @ 1 %	:	0.01	Lakh
SEIGNIORAGE FEE @ 10 %	:	0.04	Lakh
TOTAL COST OF RESTORATION WORK	:	0.71	Lakh
SUBMITTED BY The Executive Engineer Rural Work Department Works Division, Kahalgaon			

Inspection Report For Flood Damage Work

4/4/21

Date:- 10/12/2021

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

2. Name of Block/ Road pirpanti/ Moul tola to Budhu chak.

A. For Road

1. Damage Location/Chainage ch 0.030 to 1.380 km

2. Damage length 40m

3. Nature of Damage pot-holes.

4. Detail of Restoration Works

(i) Material being used in Restoration Works: Brick-Bats

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

(iii) Procedure Taken up in Restoration Works:

(iv) Restored Length: 40m in pot-holes.

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
JE
10-12-2021
AE

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल कलकत्ता

Signature
(Name of Inspector)
EE
RWD(W) Div.
Banka-1
10/12/21

प्रतिवेदन

योजना का नाम — " MOUL TOLA - BUDDHA CHAK " पथ में बाढ़ से
क्षतिग्रस्त भाग का मोटरेबुल कार्य।
पथ की लम्बाई — 3.500 कि०मी०
प्राक्कलित राशि — रु० 0.71434 लाख

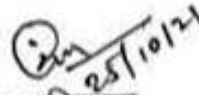
वर्ष 2021 में गंगा नदी में आयी भयंकर बाढ़ से ग्रामीण कार्य विभाग, कार्य प्रमण्डल, कहलगाँव अन्तर्गत पीरपैती/कहलगाँव/सबौर एवं सन्हीला प्रखण्ड के लगभग 89 पथ /पुल बाढ़ से प्रभावित हुये हैं। इनमें कुछ पथों में कटाव/गड़ढे हो जाने के कारण विभाग द्वारा समय-समय पर प्राप्त दिशा निर्देशों /आदेशों के आलोक में तत्काल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


25/10/21

कनीय अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रशाखा, पीरपैती


25/10/21

सहायक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल पीरपैती


25/10/21

कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल कहलगाँव

GENERAL ABSTRACT OF COST

Name of Road : Moul Tola to Budhu Chak

District : BHAGALPUR

Length of Road : 3.50 KM

Block : Pirpainti

Sl. No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Motorable work	:	3.50	57544=00 -60,026.00
B	GST @12%	:		6905=00 -7,203.12
C	Labour Cess @ 1%	:		575=00 -600.26
D	Seigniorage Fee @10%	:		3,604.93
	Total Cost of Restoration work	:		68629=00 71,434.31
			SAY	71,434.00

[Signature]
25/10/21
J. E.

[Signature]
25/10/21
A. E.

[Signature]
25/10/21
E. E.

say Rs. 68,600=00
Rs. 71,434=00

Technically sanctioned for Rs 71,434=00 (Rupees seventy one thousand four hundred only).

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur
13/12/21

P.T.O

Technically sanctioned for Rs 68,600 = 00 (Rupees
Sixty Eight thousand Six hundred) only.

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

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: Moul Tola to Budhu Chak Block: Pirpainti District: Bhagalpur Length : 3.500 Km

Sl. No.	SSR Item No.	Description	No	Length (M)	Width (M)	H/D (M)	Qty.	Unit	Rate (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.							1677.68	57544.00
		As per attached " Annexure - A "					34.30			
							34.30	Cum	1750.04	60,026.00
							Total Cost of Flood Protective work =			60,026.00

J. E.
25-10-2021

A. E.
25/10/21

E. E.
25/10/21 R. 57544.00

MOULI TOLA - BUDDHA CHAK

Chainage	No.	Length (in m)	Width (in m)	Depth (in m)	Qty (in Cum)
<u>30m</u>	1 x	6.00	$\frac{4.00 + 4.00}{2}$	x 0.30	= 7.20
<u>180m</u>	1 x	3.00	$\frac{3.00 + 3.00}{2}$	x 0.30	= 2.70
	1 x	4.00	$\frac{2.00 + 2.00}{2}$	x 0.40	= 3.20
<u>320m</u>	1 x	7.00	$\frac{2.00 + 2.00}{2}$	x 0.60	= 8.40
<u>750m</u>	1 x	2.00	$\frac{2.00 + 2.00}{2}$	x 0.30	= 1.20
<u>1200m</u>	1 x	2.00	$\frac{2.00 + 2.00}{2}$	x 0.20	= 0.80
	1 x	6.00	$\frac{1.00 + 1.00}{2}$	x 0.30	= 1.80
<u>1380m</u>	1 x	10.00	$\frac{3.00 + 3.00}{2}$	x 0.30	= 9.00
Total					= 34.30 cum

Sal
25-10-2021
J-E

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25/10/21
Rt

W
25/10/21

Material Statement and S.F Calculation

Moul Tola to Budhu Chak								Pirpanti	
Sl. No.	Description of Work	material Details	unit	Per Unit Qty	Consumed Qty	Rate of material	Total Rate	Total amount	10% S.F 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)			34.30		1051.00	36049.30	3604.93
								Total Rs.	3604.93

18/10/21
35-10-21
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25/10/21

25/10/21

Carriage Cost of Material via Road

RWD, works Division, Kahalgaon

Division - Kahalgaon

District:- BHAGALPUR

Sl No	Item	Unit	Source	Carriage Cost & Lead in Km			Katcha	Loading & Unloading Cost	Carriage By Road	Carriage By Rail	Total	Lowest Rate
				Packs / Surface								
1	Stone Metal Gr-II/Via Road	Cum	Mirza Chereki	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 / GSB Via Road	Cum	Mirza Chereki	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 / Chipps Via Road	Cum	Mirza Chereki	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 Chereki	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 431.13	8.00 x 18.09 x 0 Km	= Rs 0.00	104.08	536.01	0.00	536.01	536.01
6	Mooram/Via Road	Cum	Mirza Chereki	8.00 x 7.47 x 52 Km	= Rs 517.92	8.00 x 18.09 x 0 Km	= Rs 0.00	104.08	622.80	0.00	622.80	622.80
7	Bitumen Barren/ Via Road	MT	Barrauni	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	Bitumen Emulsion /Via Road	MT	Fatuha	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 29.00	104.08	157.83	0.00	157.83	157.83
10	Brick	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	Humus Pipe (1000 mm)	M	Goidda	8.00 x 7.47 x 58 Km	= Rs 346.61	8.00 x 18.09 x 0 Km	= Rs 0.00	75.69	422.30	0.00	422.30	422.30
14	Humus Pipe (600 mm)	M	Goidda	8.00 x 7.47 x 58 Km	= Rs 138.64	8.00 x 18.09 x 0 Km	= Rs 0.00	32.44	171.08	0.00	171.08	171.08
15	Humus Pipe (300 mm)	M	Goidda	8.00 x 7.47 x 58.00 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	Karsela	8.00 x 7.47 x 42 Km	= Rs 313.74	8.00 x 19.82 x 0 Km	= Rs 0.00	317.64	369.93	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	475.14	475.14
18	Klin 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	306.40	306.40

* Subjected to Verification of Lead

Cost Of Haulage Excluding Loading & Unloading As Per SOR

Type of Road	Per Ton. Km By Tipper	Per Ton. Km By
For Surface Road	8.19	7.47
For Un Surface Road	8.85	8.99
For Katcha Road	19.82	18.09

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Junior Engineer

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Asstt. Engineer

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Executive Engineer