



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 :	SABOUR
NAME OF ROAD :			
L038-English to Goshpur (VR22)			
Total Length of road : 3.212 KM			
Total Cost of FDR - (Part A) : 4.15 Lakh			
GST @ 12 % : 0.50 Lakh			
LABOUR CESS @ 1 % : 0.04 Lakh			
SEIGNIORAGE FEE @ 10 % : 0.25 Lakh			
TOTAL COST OF RESTORATION WORK : 4.94 Lakh			
SUBMITTED BY The Executive Engineer Rural Work Department Works Division, Kahalgaon			

Inspection Report For Flood Damage Work

सिवा

Date:- 10/12/2021

1. Name of PIUs - E.E. RWD - Kahalgau

2. Name of Block/ Road - Sabour/ PMGSY LO38 English to Ghashpur (VR-22)

A. For Road

1. Damage Location/Chainage - 2000 to 2500 mtr and at 2800 mtr

2. Damage length - 144 mtr

3. Nature of Damage

4. Detail of Restoration Works - Polished and fuel cutting

(i) Material being used in Restoration Works: Brick Ball

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

(iii) Procedure Taken up in Restoration Works:

(iv) Restored Length: 144 mtr

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: Nil

(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
JE AE

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रवर्द्धन परामर्श

Signature
(Name of Inspector)

EE
RWD (w) Div
Banka-1

प्रतिवेदन

योजना का नाम – " L038-English to Goshpur (VR22) " पथ में बाढ़ से क्षतिग्रस्त भाग का मोटरेबुल कार्य।

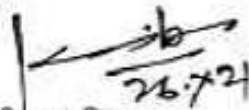
पथ की लम्बाई – 3.212 कि०मी०

प्रावकलित राशि – रु० 4.94294 लाख

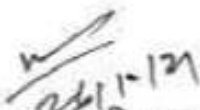
वर्ष 2021 में गंगा नदी में आयी भयंकर बाढ़ से ग्रामीण कार्य विभाग, कार्य प्रमण्डल, कहलगौव अन्तर्गत पीरपैती/कहलगौव/सबौर एवं सन्हौला प्रखण्ड के लगभग 89 पथ /पुल बाढ़ से प्रभावित हुये हैं। इनमें कुछ पथों में कटाव/गड़दे हो जाने के कारण विभाग द्वारा समय-समय पर प्राप्त दिशा निर्देशों /आदेशों के आलोक में तत्काल 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 प्रावकलन 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, सबौर


सहायक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य अवर प्रमण्डल सबौर


कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल कहलगौव

GENERAL ABSTRACT OF COST

Name of Road : L038-English to Goshpur (VR22)

District : BHAGALPUR

Length of Road : 3.212 KM

Block : SABOUR

Sl No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Motorable work	:	3.212	398181.00 -4,16,354.00
B	GST @12%	:		47782.00 -49,642.48
C	Labour Cess @ 1%	:		3981.00 -4,153.54
D	Seigniorage Fee @10%	:		24,944.43
	Total Cost of Restoration work	:		474888.00 -4,94,294.45
			SAY	4,94,294.00

[Signature]
26/10/21
J. E.

[Signature]
26/10/21
A. E.

4,94,300.00
say Rs 4,74,900.00
[Signature]
26/10/21
E. E.

Technically sanctioned for Rs 4,94,300.00 (Rupees four lac ninety four thousand three hundred only).

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur
[Signature]
13/11/21

P.T.O

Technically sanctioned for Rs 4,74,900 ~~as~~ (Rupees
four lac seventy four thousand nine hundred) only.

A. K. Singh

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: L938-English to Goshpur (VR22)

Block: SABOUR

District: Bhagalpur

Length: 3.212 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 E1 excluding carriage cost of bricks.							1677.68	998181.20
		As per attached "Annexure - A"					237.34			
							237.34	Cum	4350.04	4,15,354.00
							Total Cost of Flood Protective work =			4,15,354.00

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J.E.

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A.E.

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26/10/21
E.E.

L038-English to Goshpur (VR22)

Brick Bat Measurement

ANNEXURE - " A "

Length of Road : 3.212 KM

Sr.No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)
1	2000 to 2500	1	24.00	3.75	3.75		3.75	0.60	0.60		0.60	54.00
2		1	27.00	1.50	1.50		1.50	0.50	0.40	0.45	0.45	18.23
3		1	65.00	1.50	1.50		1.50	1.00	0.50	0.75	0.75	73.13
4	2800	1	28.00	3.75	5.00		4.38	0.75		0.75	0.75	91.98
											Total =	237.34

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26.02
JE

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26/10/21
AG

✓
26/10/21

Material Statement and S.F Calculation

L038-English to Goshpur (VR22)

Pirpainti					
SL No.	Description of Work	material Details	unit	Per Unit Qty	Consumed Qty
I	Brick Bats	Brick bats	Cum	2.83	
		Cost of 2.832 Cum = A			
		Rate per Cum -(A/2.832)			237.34
					1051.00
					2976.43
					2976.43
					249444.34
					24944.43
					Total Rs.
					24944.43

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Carriage Cost of Material via Road

RWD, works Division, Kahalgaon

District:- BHAGALPUR

Division - Kahalgaon

Sl No	Item	Unit	Source	Carriage Cost & Lead in Km		Loading & Unloading Cost	Carriage By Road	Carriage By Rail	Total	Lowest Rate
				Pucka / Surface	Katcha					
1	Stone Metal Gr-II/Via Road	Cum	Mirza Cheshki	8.00 x 7.47 x 52 Km = Rs 677.02	8.00 x 18.09 x 0 Km = Rs 0.00	193.62	870.66	0.00	870.66	870.66
2	Stone Metal Gr-III / GSB Via Road	Cum	Mirza Cheshki	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 / Chhpa Via Road	Cum	Mirza Cheshki	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 Cheshki	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	104.88	536.01	0.00	536.01	536.01
6	Moorum/Via Road	Cum	Mirza Cheshki	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	Bitumenn Baranani / Via Road	MT	Baranani	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	Bitumenn Remission / Via Road	MT	Fateha	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 25.00	104.88	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	641.62	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	517.64	569.93	0.00	569.93	569.93
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	Water Pipe (1000 mm)	M	Godda	8.00 x 7.47 x 50 Km = Rs 346.61	8.00 x 18.09 x 0 Km = Rs 0.00	75.09	422.30	0.00	422.30	422.30
14	Water Pipe (600 mm)	M	Godda	8.00 x 7.47 x 50 Km = Rs 130.64	8.00 x 18.09 x 0 Km = Rs 0.00	32.44	171.08	0.00	171.08	171.08
15	Water Pipe (300 mm)	M	Godda	8.00 x 7.47 x 50 Km = Rs 57.77	8.00 x 18.09 x 0 Km = Rs 0.00	32.44	90.21	0.00	90.21	90.21
16	Bamboo	Nos	Kursula	8.00 x 7.47 x 42 Km = Rs 313.74	8.00 x 18.09 x 0 Km = Rs 0.00	317.64	349.93	0.00	349.93	349.93
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	Kila Rabbish	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

Cost Of Haulage Excluding Unloading & Unloading As Per NOR

* Subjected to Verification of Lead

Type of Road	Per Ton Km By Tractor	Per Ton Km By
For Surface Road	8.19	7.47
For in Surface Road	8.85	8.99
For Katcha Road	19.82	18.09


Janki Engineer


Asst. Engineer

Executive Engineer