



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 :	RCD Road Kamalpur to Gandachak		
Total Length of road	:	3.560 KM	
Total Cost of FDR - (Part A)	:	8.06	Lakh
GST @ 12 %	:	0.97	Lakh
LABOUR CESS @ 1 %	:	0.08	Lakh
SEIGNIORAGE FEE @ 10 %	:	0.31	Lakh
TOTAL COST OF RESTORATION WORK	:	9.42	Lakh
SUBMITTED BY The Executive Engineer Rural Work Department Works Division, Kahalgaon			

Inspection Report For Flood Damage Work

सन्दीप

Date:- 10/12/2021

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

2. Name of Block/ Road Sanhaua / RCD Road Kausalpur to Grandachak.

A. For Road

1. Damage Location/Chainage ch-0 to 3.50 km.

2. Damage length 1434 m

3. Nature of Damage pot-holes

4. Detail of Restoration Works

(i) Material being used in Restoration Works: GSB.

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

(iii) Procedure Taken up in Restoration Works:

(iv) Restored Length: 1434 m 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.

10/12/21

Signature of JE/AE/EE

JE

10/12/21

AE

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल कहलगाँव

Signature

(Name of Inspector)

EE.
RWD (W) Div
Banka-1

प्रतिवेदन

योजना का नाम - " RCD Road Kamalpur to Gandachak" पथ में बाढ़ से क्षतिग्रस्त भाग का मोटरेबुल कार्य।

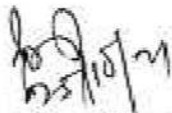
पथ की लम्बाई - 3.56 कि०मी०

प्राक्कलित राशि - रु० 9.42324 लाख

वर्ष 2021 में अतिवृष्टि के कारण ग्रामीण कार्य विभाग, कार्य प्रमण्डल, कहलगाँव अन्तर्गत सन्हौला प्रखण्ड के अधीन RCD Road Kamalpur to Gandachak तक पथ क्षतिग्रस्त हो गया। यह पथ पाँच वर्षीय अनुरक्षण से बाहर है। अतिवृष्टि के कारण इस पथ में जगह-जगह गड्ढे हो गये थे जिसके कारण आवागमन में परेशानी हो रही थी। स्थानीय जन प्रतिनिधियों द्वारा इसपथ की मरम्मत हेतु अनुरोध किया जा रहा था। पथ में गड्ढे हो जाने के कारण विभाग द्वारा समय-समय पर प्राप्त दिशा निर्देशों /आदेशों के आलोक में तत्काल युद्धस्तर पर GSB भरकर उसके उपर रोलिंग कराकर मोटरेबुल कार्य कराया गया है। मोटरेबुल कार्य के बाद पथ में सुगम 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 : RCD Road Kamalpur to Gandachak

District : BHAGALPUR

Length of Road : 3.560 KM

Block : Sanhaua

Sl. No	Particulars		Details	Total Cost (in Rs.)
A	Cost of Road Motorable work	:	3.56	8,08,282.00
B	GST @12%	:		96,753.84
C	Labour Cess @ 1%	:		8,062.82
D	Seigniorage Fee @10%	:		31,225.53
	Total Cost of Restoration work	:		9,42,324.19
			SAY	9,42,324.00

9,42,324.00

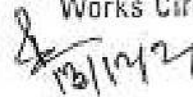

J. E.


A. E.


E. E.

Technically sanctioned for Rs 9,42,324.00 (Rupees nine
lacs forty two thousand three hundred only).


Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur


13/11/21

ESTIMATE FOR ROAD RESTORATION WORK

Name of Road: RCD Road Kamalpur to Gandachak

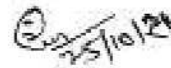
Block: Sanhaula

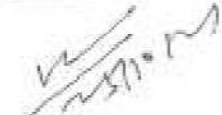
District: Bhagalpur

Length : 3.550 Km

Sl. No.	SSR Item No.	Description	No	Length (M)	Width (M)	HD (M)	Qty.	Unit	Rates (in Rs.)	Amount (in Rs.)
1	4.1 II	Granular Sub-base with Well Graded Material (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 - C"					433.11			
							433.11	Cum	1861.61	8,06,282.00
							Total Cost of Flood Protective work =			8,06,282.00


25/10/21
J. E.


25/10/21
A. E.

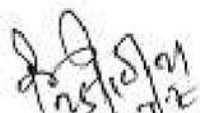

25/10/21
E. E.

RCD Road Kamalpur - GandachakGSBANNEXURE - " A "

Length of Road : 3.560

Sr.No.	Chainage (m)	Nos.	Length (m)	Width (m)			Average Width (M)	Depth (m)			Average Depth (M)	Quantity (cum)
1	0 - 100	8	2.50	1.50			1.50	0.150			0.150	4.50
2		4	3.00	2.00			2.00	0.150			0.150	3.60
3		6	3.00	2.50			2.50	0.150			0.150	6.75
4	100 - 200	4	2.50	1.50			1.50	0.150			0.150	2.25
5	200 - 300	2	7.50	2.20			2.20	0.150			0.150	4.95
6		2	4.50	2.20			2.20	0.150			0.150	2.97
7	300 - 400	4	3.50	2.50			2.50	0.150			0.150	5.25
8	500 - 600	4	7.00	2.20			2.20	0.150			0.150	9.24
9		4	4.00	1.50			1.50	0.150			0.150	3.60
10		2	2.00	1.50			1.50	0.150			0.150	0.90
11		4	2.60	1.80			1.80	0.150			0.150	2.81
12	600 - 700	2	2.50	2.20			2.20	0.150			0.150	1.65
13	700 - 800	2	2.00	2.50			2.50	0.150			0.150	1.50
14		2	1.50	2.10			2.10	0.150			0.150	0.95
15	800 - 900	4	3.40	2.75			2.75	0.150			0.150	5.61
16		2	2.00	2.10			2.10	0.150			0.150	1.26
17	900 - 1000	4	1.20	1.60			1.60	0.150			0.150	1.15
18	1000 - 1100	2	8.50	1.50			1.50	0.150			0.150	3.83
19		2	4.60	2.50			2.50	0.150			0.150	3.45
20	1100 - 1200	8	6.00	2.50			2.50	0.150			0.150	18.00
21	1200 - 1300	8	2.50	3.00			3.00	0.150			0.150	9.00
22		8	3.20	2.50			2.50	0.150			0.150	7.20
23	1300 - 1400	4	2.50	2.30			2.30	0.150			0.150	3.45
24	1400 - 1500	4	5.50	2.00			2.00	0.150			0.150	6.60
25		6	4.00	2.20			2.20	0.150			0.150	7.92
26		4	10.00	2.10			2.10	0.150			0.150	12.60
27	1500 - 1600	10	3.50	2.10			2.10	0.150			0.150	11.03
28		4	2.60	1.80			1.80	0.150			0.150	2.81
29	1600 - 1700	8	8.00	2.10			2.10	0.150			0.150	20.16
30		4	2.50	2.50			2.50	0.150			0.150	3.75
31	1700 - 1800	10	1.00	1.80			1.80	0.150			0.150	2.70

32		6	2.30	2.10			2.10	0.150			0.150	4.35
33	1800 - 1900	4	8.50	2.60			2.60	0.150			0.150	13.26
34		8	10.00	1.80			1.80	0.150			0.150	21.60
35	1900 - 2000	8	6.40	2.00			2.00	0.150			0.150	15.36
36	2000 - 2100	6	4.90	1.50			1.50	0.150			0.150	6.62
37		4	5.60	1.50			1.50	0.150			0.150	5.04
38	2100 - 2200	4	7.50	3.00			3.00	0.150			0.150	13.50
39		2	5.00	3.00			3.00	0.150			0.150	4.50
40	2200 - 2300	10	3.50	1.50			1.50	0.150			0.150	7.88
41		2	9.50	3.00			3.00	0.150			0.150	8.55
42		2	3.20	1.50			1.50	0.150			0.150	1.44
43	2300 - 2400	2	10.00	1.50			1.50	0.150			0.150	4.50
44		2	15.00	2.50			2.50	0.150			0.150	11.25
45		8	9.40	1.00			1.00	0.150			0.150	11.28
46	2400 - 2500	6	7.80	2.50			2.50	0.150			0.150	17.55
47	2500 - 2600	4	3.50	2.50			2.50	0.150			0.150	5.25
48	2600 - 2700	4	9.40	2.00			2.00	0.150			0.150	11.28
49		2	4.50	2.00			2.00	0.150			0.150	2.70
50	2700 - 2800	4	3.00	1.50			1.50	0.150			0.150	2.70
51		4	4.50	1.50			1.50	0.150			0.150	4.05
52	2800 - 2900	8	2.50	1.50			1.50	0.150			0.150	4.50
53		4	3.00	2.50			2.50	0.150			0.150	4.50
54	2900 - 3000	5	10.00	1.50			1.50	0.150			0.150	11.25
55		2	12.40	1.80			1.80	0.150			0.150	6.70
56		2	3.00	2.20			2.20	0.150			0.150	1.98
57	3000 - 3100	2	15.00	1.00			1.00	0.150			0.150	4.50
58		8	7.00	1.50			1.50	0.150			0.150	12.60
59	3100 - 3200	4	4.50	2.00			2.00	0.150			0.150	5.40
60		6	4.60	1.50			1.50	0.150			0.150	6.21
61	3200 - 2300	2	3.00	2.30			2.30	0.150			0.150	2.07
62		2	3.50	1.50			1.50	0.150			0.150	1.58
63	3400 - 3500	4	10.00	3.00			3.00	0.150			0.150	18.00
64		2	16.20	2.00			2.00	0.150			0.150	9.72
											Total =	433.11 Cum

 25/10/21
 25/10/21


Carriage Cost of Material via Road

RWD, works Division, Kahalgauon

District:- BHAGALPUR

Division - Kahalgauon

Sl No	Item	Unit	Source	Carriage Cost & Lead in Km		Batch	Loading & Unloading Cost	Carriage By Road	Carriage By Rail	Total	Lowest Rate
1	Stone Metal Gr-II/Via Road	Cum	Mirza Cheeki	0.00	x 7.47	x 52 Km	= Rs 677.02	= Rs 0.00	0.00	870.64	870.64
				4.59							
2	Stone Metal Gr-III / GSB Via Road	Cum	Mirza Cheeki	0.00	x 7.47	x 52 Km	= Rs 622.75	= Rs 0.00	0.00	816.37	816.37
				4.99							
3	Stone Aggregate / Chips Via Road	Cum	Mirza Cheeki	0.00	x 7.47	x 52 Km	= Rs 622.75	= Rs 0.00	0.00	816.37	816.37
				4.99							
4	Stone Boulder /Via Road	Cum	Mirza Cheeki	0.00	x 7.47	x 52 Km	= Rs 687.40	= Rs 0.00	0.00	841.02	841.02
				4.80							
5	Coarse Sand/Via Road	Cum	Hanwara	0.00	x 7.47	x 36 Km	= Rs 431.13	= Rs 0.00	0.00	536.01	536.01
				4.99							
6	Mooring/Via Road	Cum	Mirza Cheeki	0.00	x 7.47	x 52 Km	= Rs 517.92	= Rs 0.00	0.00	622.80	622.80
				6.00							
7	Bitumen Barium/ Via Road	MT	Barauni	0.00	x 7.47	x 125 Km	= Rs 933.75	= Rs 0.00	0.00	1298.75	1298.75
				0.00							
8	Bitumen Emulsion /Via Road	MT	Fateha	0.00	x 7.47	x 212 Km	= Rs 1583.64	= Rs 0.00	0.00	1948.64	1948.64
				0.00							
9	Local Sand	Cum	Local	0.00	x 7.47	x 2 Km	= Rs 23.95	= Rs 29.00	0.00	157.83	157.83
				4.99							
10	Brick	1000 Nos	Local	0.00	x 7.47	x 7 Km	= Rs 209.16	= Rs 72.36	0.00	723.14	723.14
				2.09							
11	Cement	MT	Local	0.00	x 7.47	x 7 Km	= Rs 58.29	= Rs 0.00	0.00	369.93	369.93
				8.00							
12	Steel	MT	Local	0.00	x 7.47	x 7 Km	= Rs 52.29	= Rs 0.00	0.00	389.99	389.99
				8.00							
13	Burns Pipe (1000 mm)	M	Gadda	0.00	x 7.47	x 50 Km	= Rs 346.61	= Rs 0.00	0.00	422.30	422.30
				10.00							
14	Burns Pipe (600 mm)	M	Gadda	0.00	x 7.47	x 58 Km	= Rs 330.64	= Rs 0.00	0.00	171.08	171.08
				25.00							
15	Burns Pipe (300 mm)	M	Gadda	0.00	x 7.47	x 58.00 Km	= Rs 57.77	= Rs 0.00	0.00	90.21	90.21
				60.00							
16	Barboun	Nos	Karvada	0.00	x 7.47	x 42 Km	= Rs 313.74	= Rs 0.00	0.00	631.38	631.38
				0.00							
17	Brick bats	Cum	Local	0.00	x 7.47	x 7 Km	= Rs 209.16	= Rs 72.36	0.00	475.14	475.14
				2.00							
18	Klin Rubbish	Cum	Local	0.00	x 7.47	x 7 Km	= Rs 209.16	= Rs 72.36	0.00	386.40	386.40
				2.09							

* Subjected to Verification of Lead

Cost Of Raulage Excluding Loading & Unloading As Per SDR

Type of Road	Per Ton. Km By Tipper	Per Ton. Km By
For Surface Road	8.19	7.47
For the Surface Road	0.85	0.00
For Kachha Road	19.82	18.09

[Signature]
Junior Engineer

[Signature]
Asstt. Engineer

Executive Engineer