



Date: February 15, 2023  
 To: Greg Buckley, City Manager  
 From: Matthew R Heckenlaible, PE, City Engineer / Public Works Director *meh*  
 Re: Bid Award Recommendation: Lincoln Street Contract 2-2023

Bids were received and opened on February 14, 2023 for Contract 2-2023 for the road reconstruction and utility Improvements along Lincoln Street (between 17<sup>th</sup> and 22<sup>nd</sup> Streets). The work shall consist of removing existing pavement, excavation, installation of storm sewer, water mains, storm sewer laterals, sanitary sewer laterals, water services, grading and graveling, Portland Cement concrete paving, driveway approaches, replacements of carriage walks, repair of sidewalk, restoration, and miscellaneous related work. Private lateral and water service work on private property will be completed under a separate contract.

Town & Country, Consulting Engineer's Bid Tabulation and recommendation memo is attached. I concur with the recommendations of Town & Country, Consulting Engineers to award the contracts to the respective Low Bidder:

Contract	Eng. Cost Estimate	Low Bid Amount	Contractor
2-2023	\$1,611,077.00	<b>\$ 1,630,643.59</b>	<b>Mammoth Construction</b>
		\$ 465,000.00	Estimated Private Service Costs
		<b>\$2,095,643.59</b>	<b>Total Estimated Project Cost</b>

Revenue sources for the project include the following:

	Construction Bid Costs	Construction Bid Costs w/ 15% Eng. & Contingency
DNR Loans	\$811,308.87	\$933,005.20
DNR Principal Forgiveness	\$320,327.22	\$368,376.30
Storm Water Utility	\$268,627.98	\$308,922.18
City (Street Capital)	\$259,879.53	\$298,861.45
Property Owner Costs (San/Strm Laterals / Water Service)	\$435,500.00	\$500,825.00
	<b>\$2,095,643.60</b>	<b>\$2,409,990.13</b>

Should any questions arise, please contact me at your earliest opportunity.



February 15, 2023

City of Two Rivers  
1717 East Park Street  
P.O. Box 87  
Two Rivers, WI 54241

Attention: Mr. Gregory E. Buckley, City Manager

Subject: Analysis of Bids and Recommendation for Award of Contracts  
2 - 2023 Street & Utility Improvements - Lincoln Street

Bid Deadline: February 14, 2023 at 1:00 p.m. local time

Ladies and Gentlemen:

The purpose of this letter is to analyze the bids received for the 2023 Street & Utility Improvements project and to recommend award of a contract. This project involves sanitary sewer, storm sewer and water main replacement with services to the property line, concrete pavement, curb & gutter, and flatwork removal and replacement within public right-of-way on Lincoln Street between 17th Street and 22nd Street and immediately adjacent side street intersections.

The pre-bid estimate for the base bid was \$1,611,000.00. Twenty-two general contractors, subcontractors, and material suppliers requested sets of the plans, specifications and bidding documents. Six contractors submitted bids.

A summary of the bids is as follows:

<b>Contractor</b>	<b>Total</b>
Mammoth Construction	\$1,630,643.59
Dorner Inc.	\$1,672,815.00
Kruczek Construction Inc.	\$1,693,000.00
Kip Gulseth Construction Company Inc.	\$1,726,164.30
Jossart Brothers, Inc.	\$1,753,078.50
Vinton Construction Company	\$1,791,499.64

All of the bids were properly submitted. The low bidder is Mammoth Construction of Manitowoc, Wisconsin, an experienced utility and street contractor who has completed similar projects for the City in the past. The bid prices are slightly higher than the original budget due to the increased material costs since the budget was originally prepared. We recommend that Mammoth Construction be awarded a contract for the base bid total of \$1,630,643.59.

This will be a unit price contract. That is, the contractor will be paid for the work actually performed on the basis of the unit prices bid. This means that the final costs could be either greater than or less than the bid totals. Also, unexpected conditions are sometimes encountered which result in

increased project costs. Therefore, it would be wise to continue to carry the recommended 10% contingency.

As this project is intended to be funded in part through both the Wisconsin DNR Safe Drinking Water Loan Program (SDWLP) and Clean Water Fund (CWF) loan programs, the City will need to execute this agreement and provide a signed copy to the Wisconsin DNR to secure the grant and loan funding to be utilized.

If you have any questions with respect to our thoughts on this matter, I am available at your convenience to discuss them with you.

Very Truly Yours,  
TOWN & COUNTRY ENGINEERING, INC.

A handwritten signature in blue ink, appearing to read "Greg Droessler", is written over the typed name.

Gregory J. Droessler, P.E.  
Vice-President

**BID TABULATION**

Project: 2 - 2023 Street & Utility Improvements - Lincoln Street, City of Two Rivers  
 Engineer's Project Number: TR 38 Bid Deadline: February 14, 2023 at 1:00 p.m. local time

ITEM NO.	DESCRIPTION OF WORK	BID		PRE-BID ESTIMATE		Mammoth Construction		Domer Inc.		Kruczek Construction Inc.	
		QUANT.	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>BASE BID</b>											
1.	12" C900 Water Main	1,740	lin. ft.	\$ 110.00	\$ 191,400.00	\$ 113.83	\$ 198,064.20	\$ 120.00	\$ 208,800.00	\$ 117.00	\$ 203,580.00
2.	8" C900 Water Main	175	lin. ft.	\$ 75.00	\$ 13,125.00	\$ 126.01	\$ 22,051.75	\$ 125.00	\$ 21,875.00	\$ 99.00	\$ 17,325.00
3.	6" C900 Water Main or Hydrant Lead	60	lin. ft.	\$ 70.00	\$ 4,200.00	\$ 53.30	\$ 3,198.00	\$ 118.00	\$ 7,080.00	\$ 100.00	\$ 6,000.00
4.	12" Gate Valve with Valve Box	6	each	\$ 4,500.00	\$ 27,000.00	\$ 5,046.00	\$ 30,276.00	\$ 5,165.00	\$ 30,990.00	\$ 5,420.00	\$ 32,520.00
5.	8" Gate Valve with Valve Box	7	each	\$ 2,500.00	\$ 17,500.00	\$ 3,039.00	\$ 21,273.00	\$ 2,944.00	\$ 20,608.00	\$ 3,075.00	\$ 21,525.00
6.	6" Gate Valve with Valve Box	5	each	\$ 1,800.00	\$ 9,000.00	\$ 2,291.00	\$ 11,455.00	\$ 2,110.00	\$ 10,550.00	\$ 2,200.00	\$ 11,000.00
7.	Hydrants	5	each	\$ 5,000.00	\$ 25,000.00	\$ 5,868.00	\$ 29,340.00	\$ 6,473.00	\$ 32,365.00	\$ 6,687.00	\$ 33,435.00
8.	1" HDPE Water Service	1,420	lin. ft.	\$ 50.00	\$ 71,000.00	\$ 47.04	\$ 66,796.80	\$ 50.00	\$ 71,000.00	\$ 38.00	\$ 53,960.00
9.	1" Tap and Corporation Stops	47	each	\$ 600.00	\$ 28,200.00	\$ 659.23	\$ 30,983.81	\$ 782.00	\$ 36,754.00	\$ 771.00	\$ 36,237.00
10.	1" Valve and Box	47	each	\$ 350.00	\$ 16,450.00	\$ 296.23	\$ 13,922.81	\$ 382.00	\$ 17,954.00	\$ 350.00	\$ 16,450.00
11.	Water Service Lateral Reconnections	47	each	\$ 200.00	\$ 9,400.00	\$ 129.00	\$ 6,063.00	\$ 178.00	\$ 8,366.00	\$ 177.00	\$ 8,319.00
12.	Connect Water Main to Existing	10	each	\$ 1,500.00	\$ 15,000.00	\$ 3,801.00	\$ 38,010.00	\$ 1,986.00	\$ 19,860.00	\$ 1,060.00	\$ 10,600.00
13.	8" SDR 35 PVC Sanitary Sewer	930	lin. ft.	\$ 60.00	\$ 55,800.00	\$ 55.27	\$ 51,401.10	\$ 60.00	\$ 55,800.00	\$ 67.00	\$ 62,310.00
14.	Standard Sanitary Manhole Castings	2	each	\$ 800.00	\$ 1,600.00	\$ 906.00	\$ 1,812.00	\$ 619.00	\$ 1,238.00	\$ 840.50	\$ 1,681.00
15.	48" Standard Sanitary Manhole Masonry	16	vert. ft.	\$ 500.00	\$ 8,000.00	\$ 503.94	\$ 8,063.04	\$ 632.00	\$ 10,112.00	\$ 576.00	\$ 9,216.00
16.	6" x 8" Sanitary Lateral Wyes	20	each	\$ 125.00	\$ 2,500.00	\$ 142.00	\$ 2,840.00	\$ 268.00	\$ 5,360.00	\$ 166.00	\$ 3,320.00
17.	6" PVC Sanitary Lateral	1,440	lin. ft.	\$ 60.00	\$ 86,400.00	\$ 59.94	\$ 86,313.60	\$ 60.00	\$ 86,400.00	\$ 65.00	\$ 93,600.00
18.	Exploratory Excavation	5	each	\$ 500.00	\$ 2,500.00	\$ 200.00	\$ 1,000.00	\$ 632.00	\$ 3,160.00	\$ 438.00	\$ 2,190.00
19.	6-Inch Sanitary Lateral Saddle Wye	27	each	\$ 900.00	\$ 24,300.00	\$ 350.00	\$ 9,450.00	\$ 796.00	\$ 21,492.00	\$ 797.00	\$ 21,519.00
20.	Sanitary Lateral Reconnections	47	each	\$ 400.00	\$ 18,800.00	\$ 125.00	\$ 5,875.00	\$ 227.00	\$ 10,669.00	\$ 230.00	\$ 10,810.00
21.	Sanitary Lateral Tracer Wire System	47	each	\$ 100.00	\$ 4,700.00	\$ 42.00	\$ 1,974.00	\$ 96.00	\$ 4,512.00	\$ 49.00	\$ 2,303.00
22.	10" Storm Sewer	292	lin. ft.	\$ 40.00	\$ 11,680.00	\$ 98.47	\$ 28,753.24	\$ 78.00	\$ 22,776.00	\$ 56.00	\$ 16,352.00
23.	12" Storm Sewer	606	lin. ft.	\$ 42.00	\$ 25,452.00	\$ 72.28	\$ 43,801.68	\$ 69.00	\$ 41,814.00	\$ 56.00	\$ 33,936.00
24.	15" Storm Sewer	729	lin. ft.	\$ 45.00	\$ 32,805.00	\$ 80.93	\$ 58,997.97	\$ 62.00	\$ 45,198.00	\$ 62.00	\$ 45,198.00
25.	18" Storm Sewer	683	lin. ft.	\$ 65.00	\$ 44,395.00	\$ 84.83	\$ 57,938.89	\$ 61.00	\$ 41,663.00	\$ 71.00	\$ 48,493.00
26.	4" PVC Storm Lateral	1,440	lin. ft.	\$ 45.00	\$ 64,800.00	\$ 49.36	\$ 71,078.40	\$ 39.00	\$ 56,160.00	\$ 33.00	\$ 47,520.00
27.	4" Storm Lateral Connection to Main	48	each	\$ 250.00	\$ 12,000.00	\$ 400.00	\$ 19,200.00	\$ 405.00	\$ 19,440.00	\$ 323.00	\$ 15,504.00
28.	48" Storm Manhole, Including Casting	6	each	\$ 4,000.00	\$ 24,000.00	\$ 4,232.00	\$ 25,392.00	\$ 3,840.00	\$ 23,040.00	\$ 657.00	\$ 3,942.00
29.	Rectangular Catch Basins	20	each	\$ 3,000.00	\$ 60,000.00	\$ 2,573.29	\$ 51,465.80	\$ 3,304.00	\$ 66,080.00	\$ 657.00	\$ 13,140.00
30.	Tree Removal	50	inch	\$ 50.00	\$ 2,500.00	\$ 60.00	\$ 3,000.00	\$ 63.30	\$ 3,165.00	\$ 92.00	\$ 4,600.00
31.	Concrete Pavement Removal	8,200	sq. yds	\$ 20.00	\$ 164,000.00	\$ 14.31	\$ 117,342.00	\$ 15.60	\$ 127,920.00	\$ 14.50	\$ 118,900.00
32.	Removal and Replacement of Unsuitable Backfill	100	cu. yds.	\$ 30.00	\$ 3,000.00	\$ 28.00	\$ 2,800.00	\$ 25.00	\$ 2,500.00	\$ 25.00	\$ 2,500.00

**BID TABULATION**

Project: 2 - 2023 Street & Utility Improvements - Lincoln Street; City of Two Rivers  
 Engineer's Project Number: TR 38 Bid Deadline: February 14, 2023 at 1:00 p.m. local time

ITEM NO.	DESCRIPTION OF WORK	BID		PRE-BID ESTIMATE		Mammoth Construction		Dorner Inc.		Kruczek Construction Inc.	
		QUANT.	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
33.	Excavation and Disposal of Bad Subgrade Materials	100	cu. yds.	\$ 20.00	\$ 2,000.00	\$ 17.23	\$ 1,723.00	\$ 18.20	\$ 1,820.00	\$ 17.50	\$ 1,750.00
34.	3" Breaker Run	100	ton	\$ 12.00	\$ 1,200.00	\$ 13.00	\$ 1,300.00	\$ 13.70	\$ 1,370.00	\$ 13.25	\$ 1,325.00
35.	3/4" Crushed Aggregate Base Course	4,000	ton	\$ 12.00	\$ 48,000.00	\$ 12.00	\$ 48,000.00	\$ 12.70	\$ 50,800.00	\$ 12.00	\$ 48,000.00
36.	6" Thick Concrete Pavement	7,100	sq. yds.	\$ 45.00	\$ 319,500.00	\$ 42.20	\$ 299,620.00	\$ 44.60	\$ 316,660.00	\$ 43.00	\$ 305,300.00
37.	4" Thick Concrete Sidewalk	5,200	sq. ft.	\$ 6.00	\$ 31,200.00	\$ 6.60	\$ 34,320.00	\$ 7.00	\$ 36,400.00	\$ 6.70	\$ 34,840.00
38.	6" Thick Concrete Sidewalk and Driveway Approaches	3,450	sq. ft.	\$ 8.00	\$ 27,600.00	\$ 7.45	\$ 25,702.50	\$ 7.90	\$ 27,255.00	\$ 7.50	\$ 25,875.00
39.	Truncated Dome Panels - Natural Patina	320	sq. ft.	\$ 36.00	\$ 11,520.00	\$ 32.00	\$ 10,240.00	\$ 33.80	\$ 10,816.00	\$ 32.00	\$ 10,240.00
40.	30" Concrete Curb & Gutter	3,550	lin. ft.	\$ 17.00	\$ 60,350.00	\$ 17.50	\$ 62,125.00	\$ 18.50	\$ 65,675.00	\$ 17.50	\$ 62,125.00
41.	Topsoil Restoration, Seeding, Fertilizing and Erosion Mat	1,020	sq. yds.	\$ 10.00	\$ 10,200.00	\$ 9.00	\$ 9,180.00	\$ 9.00	\$ 9,180.00	\$ 13.00	\$ 13,260.00
42.	Erosion Control	1	lump sum	\$ 3,000.00	\$ 3,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,782.00	\$ 2,782.00	\$ 5,000.00	\$ 5,000.00
43.	Traffic Control	1	lump sum	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ 9,000.00	\$ 5,807.00	\$ 5,807.00	\$ 168,000.00	\$ 168,000.00
44.	Construction Staking	1	lump sum	\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00	\$ 9,549.00	\$ 9,549.00	\$ 9,300.00	\$ 9,300.00
	<b>TOTAL BASE BID</b>				\$ 1,611,077.00		\$ 1,630,643.59		\$ 1,672,815.00		\$ 1,693,000.00

**BID TABULATION**

Project: 2 - 2023 Street & Utility Improvements - Lincoln Street; City of Two Rivers  
 Engineer's Project Number: TR 38 Bid Deadline: February 14, 2023 at 1:00 p.m. local time

ITEM NO.	DESCRIPTION OF WORK	BID		Kip Gulseith Construction Company Inc.		Jossart Brothers, Inc.		Vinton Construction Company	
		QUANT.	UNITS	UNIT PRICE	AMOUNT				
<b>BASE BID</b>									
1.	12" C900 Water Main	1,740	lin. ft.	\$ 141.00	\$ 245,340.00	\$ 124.00	\$ 215,760.00	\$ 130.00	\$ 226,200.00
2.	8" C900 Water Main	175	lin. ft.	\$ 97.15	\$ 17,001.25	\$ 95.00	\$ 16,625.00	\$ 121.00	\$ 21,175.00
3.	6" C900 Water Main or Hydrant Lead	60	lin. ft.	\$ 76.50	\$ 4,590.00	\$ 90.00	\$ 5,400.00	\$ 82.00	\$ 4,920.00
4.	12" Gate Valve with Valve Box	6	each	\$ 4,950.00	\$ 29,700.00	\$ 5,300.00	\$ 31,800.00	\$ 4,869.00	\$ 29,214.00
5.	8" Gate Valve with Valve Box	7	each	\$ 2,850.00	\$ 19,950.00	\$ 3,000.00	\$ 21,000.00	\$ 2,818.00	\$ 19,726.00
6.	6" Gate Valve with Valve Box	5	each	\$ 2,050.00	\$ 10,250.00	\$ 2,150.00	\$ 10,750.00	\$ 2,136.00	\$ 10,680.00
7.	Hydrants	5	each	\$ 5,950.00	\$ 29,750.00	\$ 6,000.00	\$ 30,000.00	\$ 6,300.00	\$ 31,500.00
8.	1" HDPE Water Service	1,420	lin. ft.	\$ 45.00	\$ 63,900.00	\$ 57.00	\$ 80,940.00	\$ 31.40	\$ 44,588.00
9.	1" Tap and Corporation Stops	47	each	\$ 725.00	\$ 34,075.00	\$ 750.00	\$ 35,250.00	\$ 920.00	\$ 43,240.00
10.	1" Valve and Box	47	each	\$ 325.00	\$ 15,275.00	\$ 350.00	\$ 16,450.00	\$ 310.00	\$ 14,570.00
11.	Water Service Lateral Reconnections	47	each	\$ 225.00	\$ 10,575.00	\$ 200.00	\$ 9,400.00	\$ 523.00	\$ 24,581.00
12.	Connect Water Main to Existing	10	each	\$ 3,375.00	\$ 33,750.00	\$ 2,500.00	\$ 25,000.00	\$ 3,513.00	\$ 35,130.00
13.	8" SDR 35 PVC Sanitary Sewer	930	lin. ft.	\$ 87.00	\$ 80,910.00	\$ 66.00	\$ 61,380.00	\$ 76.00	\$ 70,680.00
14.	Standard Sanitary Manhole Castings	2	each	\$ 1,100.00	\$ 2,200.00	\$ 925.00	\$ 1,850.00	\$ 1,206.00	\$ 2,412.00
15.	48" Standard Sanitary Manhole Masonry	16	vert. ft.	\$ 565.00	\$ 9,040.00	\$ 575.00	\$ 9,200.00	\$ 693.00	\$ 11,088.00
16.	6" x 8" Sanitary Lateral Wyes	20	each	\$ 185.00	\$ 3,700.00	\$ 160.00	\$ 3,200.00	\$ 131.00	\$ 2,620.00
17.	6" PVC Sanitary Lateral	1,440	lin. ft.	\$ 56.00	\$ 80,640.00	\$ 79.00	\$ 113,760.00	\$ 77.00	\$ 110,880.00
18.	Exploratory Excavation	5	each	\$ 175.00	\$ 875.00	\$ 700.00	\$ 3,500.00	\$ 930.00	\$ 4,650.00
19.	6-Inch Sanitary Lateral Saddle Wye	27	each	\$ 275.00	\$ 7,425.00	\$ 250.00	\$ 6,750.00	\$ 426.00	\$ 11,502.00
20.	Sanitary Lateral Reconnections	47	each	\$ 275.00	\$ 12,925.00	\$ 250.00	\$ 11,750.00	\$ 483.00	\$ 22,701.00
21.	Sanitary Lateral Tracer Wire System	47	each	\$ 100.00	\$ 4,700.00	\$ 100.00	\$ 4,700.00	\$ 46.00	\$ 2,162.00
22.	10" Storm Sewer	292	lin. ft.	\$ 69.00	\$ 20,148.00	\$ 70.00	\$ 20,440.00	\$ 64.00	\$ 18,688.00
23.	12" Storm Sewer	606	lin. ft.	\$ 87.25	\$ 52,873.50	\$ 73.00	\$ 44,238.00	\$ 74.00	\$ 44,844.00
24.	15" Storm Sewer	729	lin. ft.	\$ 74.80	\$ 54,529.20	\$ 77.00	\$ 56,133.00	\$ 70.00	\$ 51,030.00
25.	18" Storm Sewer	683	lin. ft.	\$ 77.25	\$ 52,761.75	\$ 86.00	\$ 58,738.00	\$ 80.00	\$ 54,640.00
26.	4" PVC Storm Lateral	1,440	lin. ft.	\$ 59.00	\$ 84,960.00	\$ 58.00	\$ 83,520.00	\$ 64.00	\$ 92,160.00
27.	4" Storm Lateral Connection to Main	48	each	\$ 325.00	\$ 15,600.00	\$ 300.00	\$ 14,400.00	\$ 595.00	\$ 28,560.00
28.	48" Storm Manhole, Including Casting	6	each	\$ 2,800.00	\$ 16,800.00	\$ 4,350.00	\$ 26,100.00	\$ 4,241.00	\$ 25,446.00
29.	Rectangular Catch Basins	20	each	\$ 2,790.00	\$ 55,800.00	\$ 3,175.00	\$ 63,500.00	\$ 2,724.00	\$ 54,480.00
30.	Tree Removal	50	inch	\$ 63.00	\$ 3,150.00	\$ 63.00	\$ 3,150.00	\$ 60.00	\$ 3,000.00
31.	Concrete Pavement Removal	8,200	sq. yds.	\$ 14.75	\$ 120,950.00	\$ 15.00	\$ 123,000.00	\$ 19.21	\$ 157,522.00
32.	Removal and Replacement of Unsuitable Backfill	100	cu. yds.	\$ 23.25	\$ 2,325.00	\$ 25.00	\$ 2,500.00	\$ 5.00	\$ 500.00

