

February 24, 2022

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

Attention: Mr. Greg Buckley, City Manager

Subject: Analysis of Bids and Recommendation for Award of Contracts
1 - 2022 Utility Improvements – 17th Street; City of Two Rivers

Bid Deadline: February 23, 2022 at 11:00 a.m. local time

Ladies and Gentlemen:

The purpose of this letter is to analyze the bids received for the 2022 Utility Improvements – 17th Street project and to recommend award of a contract. This project involves work within public right-of-way and on private property on 17th Street from East Park Street to Jefferson Street, as well as from East Street to Zlatnik Drive, and supplementary bid items for private service laterals restoration work. The project includes sanitary sewer, water main, storm sewer, and roadway along portions of each of these areas.

The pre-bid estimate for the base bid was \$1,444,563.00. Twenty-two general contractors, subcontractors, and material suppliers requested sets of the plans, specifications and bidding documents. Seven contractors submitted bids.

A summary of the bids is as follows:

Contractor	Base Bid	Supplemental Bid Total	Total
Jossart Brothers, Inc.	\$1,404,714.00	\$7,420.00	\$1,412,134.00
Vinton Construction Company	\$1,431,348.15	\$5,150.00	\$1,436,498.15
DeGroot, Inc.	\$1,432,996.36	\$10,958.50	\$1,443,954.86
Dorner Inc.	\$1,463,607.00	\$7,046.00	\$1,470,653.00
PTS Contractors, Inc.	\$1,493,603.00	\$21,910.00	\$1,515,513.00
Mammoth Construction	\$1,499,467.50	\$7,550.00	\$1,507,017.50
Advance Construction Inc.	\$1,569,930.85	\$8,050.00	\$1,577,980.85

All of the bids were properly submitted. The low bidder, using the base bid only, or the base bid and supplemental bid is Jossart Brothers, Inc. of DePere, Wisconsin, an experienced utility and street contractor. The bid prices are lower than the original budget due to the high level of interest in the City's project. We recommend that Jossart Brothers, Inc. be awarded a contract for the base bid, plus the supplemental bids, for a total of **\$1,412,134.00**.

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.



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

BID TABULATION

Project: **1 - 2022 Utility Improvements – 17th Street, City of Two Rivers**
 Engineer's Project Number: **TR 36 (1)** Bid Deadline: **February 23, 2022 at 11:00 a.m. local time**

ITEM NO.	DESCRIPTION OF WORK	BID QUANT.	UNITS	Domer Inc.		PTS Contractors, Inc.		Mammoth Construction		Advance Construction Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
BASE BID - Part 1 - Public Improvements											
1.	12" C900 Water Main	550	lin. ft.	\$ 120.00	\$ 66,000.00	\$ 129.00	\$ 70,950.00	\$ 121.50	\$ 66,825.00	\$ 145.00	\$ 79,750.00
2.	8" C900 Water Main	1,100	lin. ft.	\$ 80.00	\$ 88,000.00	\$ 87.00	\$ 95,700.00	\$ 92.50	\$ 101,750.00	\$ 110.00	\$ 121,000.00
3.	6" C900 Water Main or Hydrant	35	lin. ft.	\$ 206.00	\$ 7,210.00	\$ 323.00	\$ 11,305.00	\$ 155.70	\$ 5,449.50	\$ 250.00	\$ 8,750.00
4.	12" Gate Valve with Valve Box	2	each	\$ 4,137.00	\$ 8,274.00	\$ 3,810.00	\$ 7,620.00	\$ 3,695.00	\$ 7,390.00	\$ 3,790.00	\$ 7,580.00
5.	8" Gate Valve with Valve Box	8	each	\$ 2,376.00	\$ 19,008.00	\$ 2,185.00	\$ 17,480.00	\$ 2,200.00	\$ 17,600.00	\$ 2,165.00	\$ 17,320.00
6.	8" Gate Valve with Valve Box	4	each	\$ 1,721.00	\$ 6,884.00	\$ 1,595.00	\$ 6,380.00	\$ 1,525.00	\$ 6,100.00	\$ 1,575.00	\$ 6,300.00
7.	Hydrants	4	each	\$ 5,415.00	\$ 21,660.00	\$ 5,180.00	\$ 20,720.00	\$ 4,230.00	\$ 16,920.00	\$ 5,430.00	\$ 21,720.00
8.	1" HDPE Water Service	940	lin. ft.	\$ 51.00	\$ 47,940.00	\$ 65.00	\$ 81,100.00	\$ 5.00	\$ 4,700.00	\$ 40.00	\$ 37,600.00
9.	1" Tap and Corporation Stops	29	each	\$ 664.00	\$ 19,256.00	\$ 617.00	\$ 17,893.00	\$ 2,000.00	\$ 58,000.00	\$ 2,000.00	\$ 58,000.00
10.	1" Valve and Box	29	each	\$ 369.00	\$ 10,701.00	\$ 415.00	\$ 12,035.00	\$ 300.00	\$ 8,700.00	\$ 750.00	\$ 21,750.00
11.	Water Service Lateral	29	each	\$ 138.00	\$ 4,002.00	\$ 81.00	\$ 2,639.00	\$ 175.00	\$ 5,075.00	\$ 430.00	\$ 12,470.00
12.	Reconnections	10	each	\$ 2,274.00	\$ 22,740.00	\$ 2,370.00	\$ 23,700.00	\$ 1,500.00	\$ 15,000.00	\$ 2,700.00	\$ 27,000.00
13.	Connect Water Main to Existing	210	lin. ft.	\$ 65.00	\$ 13,650.00	\$ 75.00	\$ 15,750.00	\$ 122.00	\$ 25,620.00	\$ 180.00	\$ 37,800.00
14.	8" SDR 35 PVC Sanitary Sewer	3	each	\$ 1,177.00	\$ 3,531.00	\$ 875.00	\$ 2,625.00	\$ 700.00	\$ 2,100.00	\$ 1,100.00	\$ 3,300.00
15.	48" Standard Sanitary Manhole Masonry	13	vert. ft.	\$ 553.00	\$ 7,189.00	\$ 385.00	\$ 5,005.00	\$ 418.00	\$ 5,434.00	\$ 1,036.00	\$ 13,468.00
16.	6" x 8" Sanitary Lateral Wyes	5	each	\$ 180.00	\$ 900.00	\$ 185.00	\$ 925.00	\$ 1,400.00	\$ 7,000.00	\$ 100.00	\$ 500.00
17.	6" PVC Sanitary Lateral	900	lin. ft.	\$ 59.00	\$ 53,100.00	\$ 112.00	\$ 100,800.00	\$ 40.00	\$ 36,000.00	\$ 50.00	\$ 45,000.00
18.	6-inch Sanitary Lateral T-Liner	20	each	\$ 3,431.00	\$ 68,620.00	\$ 2,115.00	\$ 42,300.00	\$ 3,600.00	\$ 72,000.00	\$ 3,300.00	\$ 66,000.00
19.	6-inch Sanitary Lateral Saddle Tee	4	each	\$ 1,036.00	\$ 4,144.00	\$ 340.00	\$ 1,360.00	\$ 165.00	\$ 660.00	\$ 1,000.00	\$ 4,000.00
20.	Sanitary Lateral Reconnections	5	each	\$ 335.00	\$ 1,675.00	\$ 96.00	\$ 480.00	\$ 1,400.00	\$ 7,000.00	\$ 1,000.00	\$ 5,000.00
21.	Sanitary Lateral Tracer Wire System	29	each	\$ 124.00	\$ 3,596.00	\$ 165.00	\$ 4,785.00	\$ 48.00	\$ 1,392.00	\$ 50.00	\$ 1,450.00
22.	12" RCP Storm Sewer	1,020	lin. ft.	\$ 53.00	\$ 54,060.00	\$ 54.00	\$ 55,080.00	\$ 102.00	\$ 104,040.00	\$ 65.00	\$ 66,300.00
23.	15" RCP Storm Sewer	330	lin. ft.	\$ 52.00	\$ 17,160.00	\$ 50.00	\$ 16,500.00	\$ 111.35	\$ 36,745.50	\$ 70.00	\$ 23,100.00
24.	18" RCP Storm Sewer	45	lin. ft.	\$ 61.00	\$ 2,745.00	\$ 79.00	\$ 3,555.00	\$ 184.00	\$ 8,280.00	\$ 73.00	\$ 3,285.00
25.	24" RCP Storm Sewer	220	lin. ft.	\$ 100.00	\$ 22,000.00	\$ 85.00	\$ 18,700.00	\$ 138.00	\$ 30,360.00	\$ 102.00	\$ 22,440.00
26.	4" PVC Storm Lateral	675	lin. ft.	\$ 39.00	\$ 26,325.00	\$ 42.00	\$ 28,350.00	\$ 82.25	\$ 55,518.75	\$ 40.00	\$ 27,000.00
27.	4" Storm Lateral Connection to Main	29	each	\$ 227.00	\$ 6,583.00	\$ 225.00	\$ 6,525.00	\$ 135.00	\$ 3,915.00	\$ 350.00	\$ 10,150.00
28.	48" Storm Manhole, including Casting	6	each	\$ 3,606.00	\$ 21,636.00	\$ 3,000.00	\$ 18,000.00	\$ 2,813.00	\$ 16,878.00	\$ 3,700.00	\$ 22,200.00
29.	Rectangular Catch Basins	17	each	\$ 2,784.00	\$ 47,328.00	\$ 2,275.00	\$ 38,675.00	\$ 2,184.25	\$ 37,132.25	\$ 2,650.00	\$ 45,050.00
30.	Tree Removal	100	inch	\$ 42.20	\$ 4,220.00	\$ 42.00	\$ 4,200.00	\$ 40.00	\$ 4,000.00	\$ 40.00	\$ 4,000.00
31.	Concrete Pavement Removal	5,250	sq. yds	\$ 18.60	\$ 97,650.00	\$ 18.20	\$ 95,550.00	\$ 17.62	\$ 92,505.00	\$ 17.62	\$ 92,505.00
32.	Removal and Replacement of Unsuitable Backfill	100	cu. yds.	\$ 32.00	\$ 3,200.00	\$ 30.00	\$ 3,000.00	\$ 25.00	\$ 2,500.00	\$ 35.00	\$ 3,500.00
33.	Excavation and Disposal of Bad Subgrade Materials	100	cu. yds.	\$ 15.80	\$ 1,580.00	\$ 15.50	\$ 1,550.00	\$ 15.00	\$ 1,500.00	\$ 15.00	\$ 1,500.00
34.	3" Breaker Run	2,700	ton	\$ 8.20	\$ 22,140.00	\$ 8.00	\$ 21,600.00	\$ 7.75	\$ 20,925.00	\$ 7.75	\$ 20,925.00
35.	3/4" Crushed Aggregate Base Course	2,750	ton	\$ 8.20	\$ 22,550.00	\$ 8.00	\$ 22,000.00	\$ 7.75	\$ 21,312.50	\$ 7.75	\$ 21,312.50
36.	6" Thick Concrete Pavement	5,600	sq. yds.	\$ 42.10	\$ 235,760.00	\$ 41.00	\$ 229,600.00	\$ 40.00	\$ 224,000.00	\$ 39.86	\$ 223,216.00
37.	4" Thick Concrete Sidewalk	6,100	sq. ft.	\$ 5.60	\$ 34,160.00	\$ 5.50	\$ 33,550.00	\$ 5.35	\$ 32,635.00	\$ 5.35	\$ 32,635.00
38.	6" Thick Concrete Sidewalk and Driveway Approaches	5,600	sq. ft.	\$ 6.40	\$ 35,840.00	\$ 6.30	\$ 35,280.00	\$ 6.10	\$ 34,160.00	\$ 6.10	\$ 34,160.00
39.	Concrete stairs	10	each	\$ 63.00	\$ 630.00	\$ 62.00	\$ 620.00	\$ 60.00	\$ 600.00	\$ 60.00	\$ 600.00

BID TABULATION

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 Engineer's Project Number: TR 36 (1) Bid Deadline: February 23, 2022 at 11:00 a.m. local time

ITEM NO.	DESCRIPTION OF WORK	BID QUANT.	UNITS	PRE-BID ESTIMATE UNIT PRICE	AMOUNT	Jossart Brothers, Inc. UNIT PRICE	AMOUNT	Vinton Construction Company UNIT PRICE	AMOUNT	DeGroot, Inc. UNIT PRICE	AMOUNT
40.	Truncated Dome Panels - Natural Palina	128	sq. ft.	\$ 36.00	\$ 4,608.00	\$ 33.00	\$ 4,224.00	\$ 30.00	\$ 3,840.00	\$ 31.82	\$ 4,072.96
41.	30" Concrete Curb & Gutter	3,100	lin. ft.	\$ 15.00	\$ 46,500.00	\$ 16.50	\$ 51,150.00	\$ 15.70	\$ 48,670.00	\$ 16.65	\$ 51,615.00
42.	Topsoil Restoration, Seeding, Fertilizing and Erosion Mat	1,020	sq. yds.	\$ 9.00	\$ 9,180.00	\$ 10.00	\$ 10,200.00	\$ 9.85	\$ 10,047.00	\$ 12.12	\$ 12,362.40
43.	Erosion Control	1	lump sum	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$ 1,970.30	\$ 1,970.30	\$ 3,232.00	\$ 3,232.00
44.	Traffic Control	1	lump sum	\$ 20,000.00	\$ 20,000.00	\$ 8,000.00	\$ 8,000.00	\$ 24,000.00	\$ 24,000.00	\$ 7,575.00	\$ 7,575.00
45.	Construction Staking	1	lump sum	\$ 9,000.00	\$ 9,000.00	\$ 7,500.00	\$ 7,500.00	\$ 6,729.35	\$ 6,729.35	\$ 7,070.00	\$ 7,070.00
	TOTAL BASE BID PART 1				\$ 1,188,448.00		\$ 1,160,724.00		\$ 1,197,988.15		\$ 1,182,836.03
BASE BID - Part 2 - Private Service Laterals											
46.	Pre-Construction Meeting w/ Owner, Contractor, & City Staff	29	each	\$ 100.00	\$ 2,900.00	\$ 105.00	\$ 3,045.00	\$ 75.00	\$ 2,175.00	\$ 106.05	\$ 3,075.45
47.	Wall Core (1" Diameter Pipe)	29	each	\$ 35.00	\$ 1,015.00	\$ 11.00	\$ 319.00	\$ 20.00	\$ 580.00	\$ 10.61	\$ 307.69
48.	Reconnect Water Service Inside Building	29	each	\$ 500.00	\$ 14,500.00	\$ 470.00	\$ 13,630.00	\$ 900.00	\$ 26,100.00	\$ 477.23	\$ 13,839.67
49.	1" HDPE Water Service - Open Cut	300	lin. ft.	\$ 50.00	\$ 15,000.00	\$ 57.75	\$ 17,325.00	\$ 75.00	\$ 22,500.00	\$ 58.33	\$ 17,499.00
50.	1" Water Service - Pulled	600	lin. ft.	\$ 100.00	\$ 60,000.00	\$ 94.50	\$ 56,700.00	\$ 75.00	\$ 45,000.00	\$ 95.45	\$ 57,270.00
51.	Televising for Existing Sanitary Lateral Inspection	29	each	\$ 225.00	\$ 6,525.00	\$ 89.00	\$ 2,581.00	\$ 75.00	\$ 2,175.00	\$ 174.98	\$ 5,074.42
52.	6" Sanitary Lateral - Open Cut (Schedule 40 PVC)	600	lin. ft.	\$ 66.00	\$ 39,600.00	\$ 57.75	\$ 34,650.00	\$ 48.00	\$ 28,800.00	\$ 58.33	\$ 34,998.00
53.	4" Sanitary Lateral - Open Cut (Schedule 40 PVC)	300	lin. ft.	\$ 66.00	\$ 19,800.00	\$ 57.75	\$ 17,325.00	\$ 46.00	\$ 13,800.00	\$ 58.33	\$ 17,499.00
54.	Wall Core (6" Diameter Pipe or Less)	5	each	\$ 150.00	\$ 750.00	\$ 130.00	\$ 650.00	\$ 100.00	\$ 500.00	\$ 132.56	\$ 662.80
55.	Televising for Sanitary Lateral Acceptance	29	each	\$ 125.00	\$ 3,625.00	\$ 150.00	\$ 4,350.00	\$ 70.00	\$ 2,030.00	\$ 167.56	\$ 4,859.24
56.	6" Sanitary Lateral - Pipe Burst (Schedule 17 PE)	100	lin. ft.	\$ 50.00	\$ 5,000.00	\$ 18.90	\$ 1,890.00	\$ 20.00	\$ 2,000.00	\$ 19.09	\$ 1,909.00
57.	4" Sanitary Lateral - Pipe Burst (Schedule 17 PE)	100	lin. ft.	\$ 50.00	\$ 5,000.00	\$ 15.75	\$ 1,575.00	\$ 15.00	\$ 1,500.00	\$ 15.91	\$ 1,591.00
58.	Reconnect Sanitary Lateral Inside Building (Above Basement Floor)	5	each	\$ 800.00	\$ 4,000.00	\$ 735.00	\$ 3,675.00	\$ 1,200.00	\$ 6,000.00	\$ 742.35	\$ 3,711.75
59.	Reconnect Sanitary Lateral Inside Building (Below Basement Floor)	22	each	\$ 3,000.00	\$ 66,000.00	\$ 3,800.00	\$ 83,600.00	\$ 3,200.00	\$ 70,400.00	\$ 3,870.83	\$ 85,158.26
60.	Reconnect Sanitary Lateral Outside House	3	each	\$ 800.00	\$ 2,400.00	\$ 735.00	\$ 2,205.00	\$ 600.00	\$ 1,800.00	\$ 742.35	\$ 2,227.05
61.	1" HDPE Water Service Pulled with 6" HDPE Sewer Service	100	lin. ft.	\$ 100.00	\$ 10,000.00	\$ 4.70	\$ 470.00	\$ 80.00	\$ 8,000.00	\$ 4.78	\$ 478.00
	TOTAL BASE BID PART 2				\$ 256,115.00		\$ 243,990.00		\$ 233,360.00		\$ 250,160.33
	TOTAL BASE BID PARTS 1 AND 2				\$ 1,444,563.00		\$ 1,404,714.00		\$ 1,431,348.15		\$ 1,432,996.36
SUPPLEMENTARY BID ITEMS - Private Service Laterals											
S1.	Sidewalk Restoration	500	sq. ft.	\$ 3.00	\$ 1,500.00	\$ 2.10	\$ 1,050.00	\$ 1.00	\$ 500.00	\$ 3.03	\$ 1,515.00
S2.	Driveway Restoration	500	sq. ft.	\$ 3.00	\$ 1,500.00	\$ 2.10	\$ 1,050.00	\$ 1.00	\$ 500.00	\$ 3.03	\$ 1,515.00
S3.	Excavatory Excavation	5	each	\$ 500.00	\$ 2,500.00	\$ 700.00	\$ 3,500.00	\$ 300.00	\$ 1,500.00	\$ 1,313.00	\$ 6,565.00
S4.	Removal and Replacement of Unsuitable Backfill	50	cu. yds.	\$ 40.00	\$ 2,000.00	\$ 30.00	\$ 1,500.00	\$ 25.00	\$ 1,250.00	\$ 20.20	\$ 1,010.00
S5.	Relocate Water Meter at Home	2	each	\$ 1,000.00	\$ 2,000.00	\$ 160.00	\$ 320.00	\$ 700.00	\$ 1,400.00	\$ 176.75	\$ 353.50
	TOTAL SUPPLEMENTARY BID ITEMS				\$ 9,500.00		\$ 7,420.00		\$ 5,150.00		\$ 10,958.50