



**TWO
RIVERS**
WISCONSIN

PUBLIC WORKS
Engineering Division
1717 E. Park Street
P.O. BOX 87
Two Rivers, WI 54241-0087



Date: May 5, 2025

To: City Council
Greg Buckley, City Manager

From: Matthew R Heckenlaible, PE, City Engineer / Public Works Director *MH*

Re: Bid Award Recommendation: Contract 2-2025 East Side LSL
Replacement

Four (4) bids were received and opened on April 24, 2025, for Contract 2-2025 for replacement of lead water service laterals on the east side of the city. The project involves water service lateral replacement within the public rights-of-way and within private property in approximately 200 different areas of the City, and supplemental items for sanitary laterals, wall cores, sewer televising, sanitary lateral reconnection, removal and replacement of unsuitable backfill, topsoil restoration, seeding, fertilizer, and erosion mat, water meter relocation and exploratory excavation.

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
3-2025	\$2,304,250.00	\$1,867,580.00	Essential Sewer and Water

Revenue sources for the project include the following:

	Construction Bid Costs	Construction Bid Costs w/ 10% Eng. & Contingency
		\$2,054,338.00
DNR Loans (SDWFL-LSL-Private)	\$679,214.00	
DNR Principal Forgiveness (100%)	-\$679,214.00	
DNR Loan (SDWFL-LSL-Public)	\$1,038,657.00	
DNR Principal Forgiveness (20%)	\$259,664.00	
DNR Loan (CWF)	\$583,000.00	
	\$2,560,535.00	\$2,054,338.00

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



www.two-rivers.org



920.793.5539



920.793.5537

April 24, 2025

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 Contract
2 – 2025 Lateral Replacement; City of Two Rivers

Bid Deadline: April 24, 2025 at 1:00 p.m. local time

Ladies and Gentlemen:

The purpose of this letter is to analyze the bids received for the 2025 Lateral Replacement project and to recommend the award of a contract. This project involves lateral replacement within the public right-of-way and on private property in approximately 200 different areas of the City, and supplemental items for sanitary laterals, wall cores, sewer televising, sanitary lateral reconnection, removal and replacement of unsuitable backfill, topsoil restoration, seeding, fertilizer, and erosion mat, water meter relocation and exploratory excavation.

The pre-bid estimate for the base bid was \$2,304,250.00. Twelve general contractors, subcontractors, and material suppliers requested sets of the bidding documents, and four contractors submitted bids.

A summary of the bids is as follows:

Contractor	Base Bid	Supplemental Bid Total
Essential Sewer and Water	\$1,616,180.00	\$251,400.00
Mammoth Construction	\$1,929,113.00	\$281,417.50
Alfson Excavating LLC	\$1,951,800.00	\$298,750.00
Van Rite Plumbing Inc.	\$2,082,800.00	\$374,625.00

All of the bids were properly submitted. The low bidder, using the base bid only, or the base bid and supplemental bid is Essential Sewer and Water of Manitowoc, Wisconsin, an experienced utility contractor that completed a similar project for the City in 2022. The bid prices are lower than the original budget due to the competitive market and slightly conservative budgeting. We recommend that Essential Sewer and Water be awarded a contract for the base bid, plus the supplemental bids, for a total of \$1,867,580.00.

This will be a unit price contract. That is, the contractor will be paid for the work performed based on 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 program, 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.

Respectfully,
TOWN & COUNTRY ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Greg Droessler', written over a horizontal line.

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

GJD:sai

J:\JOB#S\Two Rivers\TR-41-M9 2025 SDW and CWF Loan Assistance\10. Construction\2 - 2025 Lateral Replacement\Recommendation Ltr.docx

Project: 2 – 2025 Lateral Replacement; City of Two Rivers
 Engineer's Project Number: TR-41(2) Bid Deadline: April 24, 2025 at 1:00 p.m. local time

ITEM NO.	DESCRIPTION OF WORK	BID QUANT.	UNITS	PRE-BID ESTIMATE		Essential Sewer and Water		Mammoth Construction		Alfson Excavating LLC		Van Rite Plumbing Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
BASE BID - PART 1 PUBLIC IMPROVEMENTS													
1.	1" Tap and Corporation Stop	200	each	\$ 4,500.00	\$ 900,000.00	\$ 3,250.00	\$ 650,000.00	\$ 4,300.00	\$ 860,000.00	\$ 750.00	\$ 150,000.00	\$ 4,150.00	\$ 830,000.00
2.	1" HDPE Water Service - Long	100	each	\$ 1,200.00	\$ 120,000.00	\$ 200.00	\$ 20,000.00	\$ 600.00	\$ 60,000.00	\$ 4,000.00	\$ 400,000.00	\$ 400.00	\$ 40,000.00
3.	1" HDPE Water Service - Short	100	each	\$ 1,000.00	\$ 100,000.00	\$ 175.00	\$ 17,500.00	\$ 500.00	\$ 50,000.00	\$ 3,250.00	\$ 325,000.00	\$ 400.00	\$ 40,000.00
4.	1" Valve and Box	200	each	\$ 350.00	\$ 70,000.00	\$ 285.00	\$ 57,000.00	\$ 350.00	\$ 70,000.00	\$ 375.00	\$ 75,000.00	\$ 350.00	\$ 70,000.00
5.	Televising for Existing Sanitary Lateral Inspection	200	each	\$ 125.00	\$ 25,000.00	\$ 85.00	\$ 17,000.00	\$ 85.00	\$ 17,000.00	\$ 164.00	\$ 32,800.00	\$ 165.00	\$ 33,000.00
6.	6" PVC Sanitary Lateral	3,000	lin. ft.	\$ 55.00	\$ 165,000.00	\$ 42.00	\$ 126,000.00	\$ 50.00	\$ 150,000.00	\$ 52.00	\$ 156,000.00	\$ 55.00	\$ 165,000.00
7.	4" PVC Sanitary Lateral	3,000	lin. ft.	\$ 55.00	\$ 165,000.00	\$ 42.00	\$ 126,000.00	\$ 46.00	\$ 138,000.00	\$ 50.00	\$ 150,000.00	\$ 50.00	\$ 150,000.00
8.	8" Sanitary Sewer Wye - Cut in	80	each	\$ 2,000.00	\$ 160,000.00	\$ 1,500.00	\$ 120,000.00	\$ 1,600.00	\$ 128,000.00	\$ 2,000.00	\$ 160,000.00	\$ 2,250.00	\$ 180,000.00
9.	10" Sanitary Sewer Wye - Cut in	40	each	\$ 2,200.00	\$ 88,000.00	\$ 1,600.00	\$ 64,000.00	\$ 1,800.00	\$ 72,000.00	\$ 2,200.00	\$ 88,000.00	\$ 2,500.00	\$ 100,000.00
10.	Sanitary Lateral Saddle Tee	80	each	\$ 1,000.00	\$ 80,000.00	\$ 1,500.00	\$ 120,000.00	\$ 1,000.00	\$ 80,000.00	\$ 1,000.00	\$ 80,000.00	\$ 1,200.00	\$ 96,000.00
11.	Sanitary Lateral Tracer Wire System	200	each	\$ 100.00	\$ 20,000.00	\$ 50.00	\$ 10,000.00	\$ 40.00	\$ 8,000.00	\$ 200.00	\$ 40,000.00	\$ 38.00	\$ 7,600.00
	TOTAL BASE BID PART 1				\$ 1,893,000.00		\$ 1,327,500.00		\$ 1,633,000.00		\$ 1,656,800.00		\$ 1,711,600.00
	PUBLIC IMPROVEMENTS												
BASE BID - PART 2 PRIVATE SERVICE LATERALS													
12.	1" HDPE Water Service	130	each	\$ 2,000.00	\$ 260,000.00	\$ 1,500.00	\$ 195,000.00	\$ 1,510.00	\$ 196,300.00	\$ 1,700.00	\$ 221,000.00	\$ 2,000.00	\$ 260,000.00
13.	Pre-Construction Meeting with Property Owner, Contractor, & City Staff	130	each	\$ 100.00	\$ 13,000.00	\$ 85.00	\$ 11,050.00	\$ 85.00	\$ 11,050.00	\$ 100.00	\$ 13,000.00	\$ 100.00	\$ 13,000.00
14.	Wall Core (1" Diameter Pipe)	130	each	\$ 25.00	\$ 3,250.00	\$ 1.00	\$ 130.00	\$ 0.10	\$ 13.00	\$ 10.00	\$ 1,300.00	\$ 5.00	\$ 650.00
15.	Reconnect Water Service Inside Building	130	each	\$ 1,000.00	\$ 130,000.00	\$ 625.00	\$ 81,250.00	\$ 625.00	\$ 81,250.00	\$ 440.00	\$ 57,200.00	\$ 750.00	\$ 97,500.00
16.	Mobilization for Lateral Replacement Outside the Project Area	5	each	\$ 1,000.00	\$ 5,000.00	\$ 250.00	\$ 1,250.00	\$ 1,500.00	\$ 7,500.00	\$ 500.00	\$ 2,500.00	\$ 10.00	\$ 50.00
	TOTAL BASE BID PART 2				\$ 411,250.00		\$ 288,680.00		\$ 296,113.00		\$ 295,000.00		\$ 371,200.00
	PRIVATE SERVICE LATERALS												
	TOTAL BASE BID PARTS 1 AND 2				\$ 2,304,250.00		\$ 1,616,180.00		\$ 1,929,113.00		\$ 1,951,800.00		\$ 2,082,800.00
SUPPLEMENTARY BID ITEMS - PRIVATE SERVICE LATERALS													
S1.	6" PVC Sanitary Lateral	1,100	lin. ft.	\$ 55.00	\$ 60,500.00	\$ 38.00	\$ 41,800.00	\$ 50.00	\$ 55,000.00	\$ 15.00	\$ 16,500.00	\$ 55.00	\$ 60,500.00
S2.	4" PVC Sanitary Lateral	1,100	lin. ft.	\$ 55.00	\$ 60,500.00	\$ 38.00	\$ 41,800.00	\$ 46.00	\$ 50,600.00	\$ 10.00	\$ 11,000.00	\$ 50.00	\$ 55,000.00
S3.	Wall Core (6" Dia. Pipe or Less)	75	each	\$ 100.00	\$ 7,500.00	\$ 1.00	\$ 75.00	\$ 0.10	\$ 7.50	\$ 30.00	\$ 2,250.00	\$ 10.00	\$ 750.00
S4.	Televising for Sanitary Lateral Acceptance	75	each	\$ 100.00	\$ 7,500.00	\$ 175.00	\$ 13,125.00	\$ 85.00	\$ 6,375.00	\$ 164.00	\$ 12,300.00	\$ 165.00	\$ 12,375.00
S5.	Reconnect Sanitary Lateral Inside Building (Above Basement Floor)	25	each	\$ 800.00	\$ 20,000.00	\$ 200.00	\$ 5,000.00	\$ 475.00	\$ 11,875.00	\$ 2,200.00	\$ 55,000.00	\$ 1,200.00	\$ 30,000.00
S6.	Reconnect Sanitary Lateral Inside Building (Below Basement Floor)	50	each	\$ 2,500.00	\$ 125,000.00	\$ 2,250.00	\$ 112,500.00	\$ 2,500.00	\$ 125,000.00	\$ 2,700.00	\$ 135,000.00	\$ 3,150.00	\$ 157,500.00
S7.	Removal and Replacement of Unsuitable Backfill	100	cu. yds.	\$ 25.00	\$ 2,500.00	\$ 1.00	\$ 100.00	\$ 0.10	\$ 10.00	\$ 25.00	\$ 2,500.00	\$ 10.00	\$ 1,000.00
S8.	Topsoil Restoration, Seeding, Fertilizer, and Erosion Mat	3,000	sq. yard	\$ 15.00	\$ 45,000.00	\$ 9.00	\$ 27,000.00	\$ 10.00	\$ 30,000.00	\$ 12.00	\$ 36,000.00	\$ 10.00	\$ 30,000.00
S9.	Relocate Water Meter	5	each	\$ 1,000.00	\$ 5,000.00	\$ 500.00	\$ 2,500.00	\$ 500.00	\$ 2,500.00	\$ 640.00	\$ 3,200.00	\$ 500.00	\$ 2,500.00
S10.	Exploratory Excavation	50	each	\$ 400.00	\$ 20,000.00	\$ 150.00	\$ 7,500.00	\$ 1.00	\$ 50.00	\$ 500.00	\$ 25,000.00	\$ 500.00	\$ 25,000.00
	TOTAL SUPPLEMENTARY BID ITEMS				\$ 353,500.00		\$ 251,400.00		\$ 281,417.50		\$ 298,750.00		\$ 374,625.00