

March 20, 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 Contract
3 - Lincoln Street Lateral Replacement

Bid Deadline: March 20, 2023 at 1:00 p.m. local time

Ladies and Gentlemen:

The purpose of this letter is to analyze the bids received for the Lincoln Street Lateral Replacement project and to recommend award of a contract. This project involves replacement of sanitary sewer laterals and lead service lines from the property line to inside or just outside each building. Supplemental items include exploratory excavation, removal, and replacement of unsuitable backfill, and the relocation of water meters at homes as required.

The pre-bid estimate for the base bid was \$311,625. Ten general contractors, subcontractors, and material suppliers requested sets of the plans, specifications, and bidding documents. Five contractors submitted bids.

A summary of the bids is as follows:

Contractor	Base Bid	Supplemental Items	Total Bid (Base Bid + Supplemental)
Van Rite Plumbing Inc.	\$216,775.00	\$4,050.00	\$220,825.00
Mammoth Construction	\$246,725.00	\$2,050.00	\$248,775.00
Essential Sewer and Water	\$273,550.00	\$8,100.00	\$281,650.00
Alfson Excavating LLC	\$278,600.00	\$4,150.00	\$282,750.00
M & E Construction LLC	\$344,000.00	\$14,500.00	\$358,500.00

All of the bids were properly submitted. The low bidder is Van Rite Plumbing Inc. of Green Bay, Wisconsin, an experienced utility contractor who has completed similar projects for the City as part of larger street projects. We recommend that Van Rite Plumbing Inc. be awarded a contract for the base bid and supplemental bid total of \$220,825.00.

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.

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

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

GJD:sai

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BID TABULATION

Project: 3 - Lincoln Street Lateral Replacement; City of Two Rivers
 Engineer's Project Number: TR 38(3) Bid Deadline: March 20, 2023 at 1:00 p.m. local time

ITEM NO.	DESCRIPTION OF WORK	BID QUANT.	UNITS	PRE-BID ESTIMATE		Van Rite Plumbing Inc.		Mammoth Construction	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
BASE BID									
1.	Pre-Construction Meeting w/ Owner, Contractor, & City Staff	45	each	\$ 125.00	\$ 5,625.00	\$ 100.00	\$ 4,500.00	\$ 85.00	\$ 3,825.00
2.	Wall Core (1" Diameter Pipe)	45	each	\$ 50.00	\$ 2,250.00	\$ 10.00	\$ 450.00	\$ 10.00	\$ 450.00
3.	Reconnect Water Service Inside Building	45	each	\$ 750.00	\$ 33,750.00	\$ 750.00	\$ 33,750.00	\$ 900.00	\$ 40,500.00
4.	1" HDPE Water Service - Open-Cut	200	lin. ft.	\$ 65.00	\$ 13,000.00	\$ 50.00	\$ 10,000.00	\$ 80.00	\$ 16,000.00
5.	1" Water Service - Pulled	400	lin. ft.	\$ 100.00	\$ 40,000.00	\$ 60.00	\$ 24,000.00	\$ 40.00	\$ 16,000.00
6.	Televising for Existing Sanitary Lateral Inspection	45	each	\$ 100.00	\$ 4,500.00	\$ 100.00	\$ 4,500.00	\$ 100.00	\$ 4,500.00
7.	6" Sanitary Lateral - Open-Cut (Schedule 40 PVC)	200	lin. ft.	\$ 65.00	\$ 13,000.00	\$ 50.00	\$ 10,000.00	\$ 48.00	\$ 9,600.00
8.	4" Sanitary Lateral - Open-Cut (Schedule 40 PVC)	200	lin. ft.	\$ 65.00	\$ 13,000.00	\$ 50.00	\$ 10,000.00	\$ 46.00	\$ 9,200.00
9.	Wall Core (6" Diameter Pipe or Less)	5	each	\$ 150.00	\$ 750.00	\$ 50.00	\$ 250.00	\$ 100.00	\$ 500.00
10.	Televising for Sanitary Lateral Acceptance	45	each	\$ 150.00	\$ 6,750.00	\$ 85.00	\$ 3,825.00	\$ 70.00	\$ 3,150.00
11.	6" Sanitary Lateral - Pipe Burst (Schedule 17 PE)	200	lin. ft.	\$ 20.00	\$ 4,000.00	\$ 20.00	\$ 4,000.00	\$ 30.00	\$ 6,000.00
12.	4" Sanitary Lateral - Pipe Burst (Schedule 17 PE)	200	lin. ft.	\$ 20.00	\$ 4,000.00	\$ 15.00	\$ 3,000.00	\$ 25.00	\$ 5,000.00
13.	Reconnect Sanitary Lateral Inside Building (Above Basement Floor)	5	each	\$ 1,000.00	\$ 5,000.00	\$ 1,200.00	\$ 6,000.00	\$ 1,200.00	\$ 6,000.00
14.	Reconnect Sanitary Lateral Inside Building (Below Basement Floor)	30	each	\$ 5,000.00	\$ 150,000.00	\$ 3,150.00	\$ 94,500.00	\$ 2,800.00	\$ 84,000.00
15.	Reconnect Sanitary Lateral Outside House	10	each	\$ 1,000.00	\$ 10,000.00	\$ 500.00	\$ 5,000.00	\$ 600.00	\$ 6,000.00
16.	1" HDPE Water Service Pulled with 6" HDPE Sewer Service	600	lin. ft.	\$ 10.00	\$ 6,000.00	\$ 5.00	\$ 3,000.00	\$ 60.00	\$ 36,000.00
	TOTAL BASE BID				\$ 311,625.00		\$ 216,775.00		\$ 246,725.00
SUPPLEMENTAL BID ITEMS									
S1.	Exploratory Excavation	5	each	\$ 1,000.00	\$ 5,000.00	\$ 500.00	\$ 2,500.00	\$ 110.00	\$ 550.00
S2.	Removal and Replacement of Unsuitable Backfill	50	cu. yds.	\$ 30.00	\$ 1,500.00	\$ 25.00	\$ 1,250.00	\$ 10.00	\$ 500.00
S3.	Relocate Water Meter at Home	2	each	\$ 500.00	\$ 1,000.00	\$ 150.00	\$ 300.00	\$ 500.00	\$ 1,000.00
	TOTAL SUPPLEMENTAL BID ITEMS				\$ 7,500.00		\$ 4,050.00		\$ 2,050.00

BID TABULATION

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 Engineer's Project Number: TR 38(3) Bid Deadline: March 20, 2023 at 1:00 p.m. local time

ITEM NO.	DESCRIPTION OF WORK	BID QUANT.	UNITS	Essential Sewer and Water UNIT PRICE	AMOUNT	Alfson Excavating LLC UNIT PRICE	AMOUNT	M & E Construction LLC UNIT PRICE	AMOUNT
BASE BID									
1.	Pre-Construction Meeting w/ Owner, Contractor, & City Staff	45	each	\$ 110.00	\$ 4,950.00	\$ 150.00	\$ 6,750.00	\$ 500.00	\$ 22,500.00
2.	Wall Core (1" Diameter Pipe)	45	each	\$ 10.00	\$ 450.00	\$ 450.00	\$ 20,250.00	\$ 250.00	\$ 11,250.00
3.	Reconnect Water Service Inside Building	45	each	\$ 1,050.00	\$ 47,250.00	\$ 1,100.00	\$ 49,500.00	\$ 2,500.00	\$ 112,500.00
4.	1" HDPE Water Service - Open-Cut	200	lin. ft.	\$ 80.00	\$ 16,000.00	\$ 50.00	\$ 10,000.00	\$ 50.00	\$ 10,000.00
5.	1" Water Service - Pulled	400	lin. ft.	\$ 80.00	\$ 32,000.00	\$ 45.00	\$ 18,000.00	\$ 10.00	\$ 4,000.00
6.	Televising for Existing Sanitary Lateral Inspection	45	each	\$ 110.00	\$ 4,950.00	\$ 125.00	\$ 5,625.00	\$ 100.00	\$ 4,500.00
7.	6" Sanitary Lateral - Open-Cut (Schedule 40 PVC)	200	lin. ft.	\$ 68.00	\$ 13,600.00	\$ 85.00	\$ 17,000.00	\$ 50.00	\$ 10,000.00
8.	4" Sanitary Lateral - Open-Cut (Schedule 40 PVC)	200	lin. ft.	\$ 68.00	\$ 13,600.00	\$ 78.00	\$ 15,600.00	\$ 50.00	\$ 10,000.00
9.	Wall Core (6" Diameter Pipe or Less)	5	each	\$ 110.00	\$ 550.00	\$ 450.00	\$ 2,250.00	\$ 350.00	\$ 1,750.00
10.	Televising for Sanitary Lateral Acceptance	45	each	\$ 110.00	\$ 4,950.00	\$ 125.00	\$ 5,625.00	\$ 200.00	\$ 9,000.00
11.	6" Sanitary Lateral - Pipe Burst (Schedule 17 PE)	200	lin. ft.	\$ 68.00	\$ 13,600.00	\$ 25.00	\$ 5,000.00	\$ 35.00	\$ 7,000.00
12.	4" Sanitary Lateral - Pipe Burst (Schedule 17 PE)	200	lin. ft.	\$ 68.00	\$ 13,600.00	\$ 15.00	\$ 3,000.00	\$ 15.00	\$ 3,000.00
13.	Reconnect Sanitary Lateral Inside Building (Above Basement Floor)	5	each	\$ 600.00	\$ 3,000.00	\$ 2,000.00	\$ 10,000.00	\$ 2,500.00	\$ 12,500.00
14.	Reconnect Sanitary Lateral Inside Building (Below Basement Floor)	30	each	\$ 2,250.00	\$ 67,500.00	\$ 2,500.00	\$ 75,000.00	\$ 3,000.00	\$ 90,000.00
15.	Reconnect Sanitary Lateral Outside House	10	each	\$ 275.00	\$ 2,750.00	\$ 2,000.00	\$ 20,000.00	\$ 3,000.00	\$ 30,000.00
16.	1" HDPE Water Service Pulled with 6" HDPE Sewer Service	600	lin. ft.	\$ 58.00	\$ 34,800.00	\$ 25.00	\$ 15,000.00	\$ 10.00	\$ 6,000.00
	TOTAL BASE BID				\$ 273,550.00		\$ 278,600.00		\$ 344,000.00
SUPPLEMENTAL BID ITEMS									
S1.	Exploratory Excavation	5	each	\$ 1,200.00	\$ 6,000.00	\$ 600.00	\$ 3,000.00	\$ 1,000.00	\$ 5,000.00
S2.	Removal and Replacement of Unsuitable Backfill	50	cu. yds.	\$ 15.00	\$ 750.00	\$ 7.00	\$ 350.00	\$ 150.00	\$ 7,500.00
S3.	Relocate Water Meter at Home	2	each	\$ 675.00	\$ 1,350.00	\$ 400.00	\$ 800.00	\$ 1,000.00	\$ 2,000.00
	TOTAL SUPPLEMENTAL BID ITEMS				\$ 8,100.00		\$ 4,150.00		\$ 14,500.00