



STAFF REPORT

DATE: May 5, 2020

REGULAR

AGENDA ITEM: Accept Bids and Award Contract for the 31st Street & Stillwater Boulevard Watermain Improvements

SUBMITTED BY: Jack Griffin, City Engineer

REVIEWED BY: Kristina Handt, City Administrator
Marty Powers, Public Works Director
Cara Geheren, Project Engineer

ISSUE BEFORE COUNCIL: Should the City Council accept bids and award a contract for the 31st Street & Stillwater Boulevard Watermain Improvements?

BACKGROUND: On March 17th, 2020, the City Council approved the plans and specifications for the 31st Street & Stillwater Boulevard Watermain Improvements and authorized staff to advertise the project for bids. The Project was advertised on QuestCDN.com and in the Oakdale-Lake Elmo Review in accordance with the Minnesota Competitive Bidding requirements. The scope of improvements remains consistent with the plans that were approved by the City Council on March 17, 2020.

The City of Lake Elmo was approved to receive grant funding from the Minnesota Pollution Control Agency (MPCA) under the 2018 3M Settlement Agreement as an expedited project to extend municipal water and connect each of the six homes in the 31st St and Stillwater Blvd neighborhood. The grant is in the not to exceed amount of \$449,100. The terms of the grant are outlined in the Grant Agreement between the City of Lake Elmo and the MPCA dated October 2, 2019. The properties reside in an area where per- and polyfluoroalkyl substances (PFAS) contamination exceeds Health Based Values (HBVs) and well advisories have been issued.

The project extends the public watermain south across Stillwater Boulevard (CSAH 14) from the north side, approximately 800 feet east of the intersection at 31st Street North. On the south side of CSAH 14, watermain will be extended approximately 780 feet further south along a shared private driveway. Individual water service stubs will be installed for each of the six residential properties. The project will include grant funding and administrative processes for ensuring each property completes the private service connection from the right-of-way to each home, including water meter installation, removal of granular activated carbon treatment systems (if applicable), sealing of any private well, and all permitting and connection fees. The private water connection and well sealing improvements will be contracted separately by each property owner.

PROPOSAL DETAILS/ANALYSIS: Bids were received, publicly opened, and read aloud on Thursday, April 16, 2020. The City received 5 bids for this project, with Miller Excavating, Inc. providing the lowest bid in the amount of \$332,293.33. Contractor references for Miller Excavating, Inc. were reviewed and verified. The City Engineer and his consultant are therefore recommending that the Council award the contract to the lowest responsible bidder, Miller Excavating, Inc. as outlined in the attached letter.

As a part of this award staff is requesting Council to provide the City Administrator authorization to enter into a material testing contract in the not-to-exceed amount of \$8,100. This amount has been budgeted in the total cost figures presented below and is necessary to complete the project.

FISCAL IMPACT: Approval of this resolution commits the council to enter into a construction contract for the project. The post-bid total estimated project cost is \$493,300. This includes both the public watermain improvements and service stubs, and the private water service connections and well sealing improvements. The improvements will be funded through a grant from the MPCA under the 2018 3M Settlement Agreement as an expedited project, and in accordance with the MPCA-Lake Elmo Grant Agreement dated October 2, 2019. Additional grant funding has been requested to fully fund the project.

RECOMMENDATION: Staff is recommending that the City Council approve a resolution accepting bids and awarding a contract to Miller Excavating, Inc. in the amount of \$332,293.33 for the 31st Street & Stillwater Boulevard Watermain Improvements. The recommended motion for this action is as follows:

“Move to approve Resolution No. 2020–051, accepting bids and awarding a contract to Miller Excavating, Inc. in the amount of \$332,293.33 for the 31st St & Stillwater Boulevard Watermain Improvements.”

Staff is also recommending that the City Council authorize the City Administrator to enter into a material testing contract in the not-to-exceed amount of \$8,100. The recommended motion for this action is as follows:

“Move to authorize the City Administrator to enter into a material testing contract in the not-to-exceed amount of \$8,100 for the 31st St & Stillwater Boulevard Watermain Improvements.”

ATTACHMENTS:

1. Resolution Accepting Bids and Awarding a Contract for the 31st Street & Stillwater Boulevard Watermain Improvements.
2. Engineer’s Letter of Award Recommendation and Tabulation of Bids.
3. Project Schedule.

**CITY OF LAKE ELMO
WASHINGTON COUNTY
STATE OF MINNESOTA**

RESOLUTION NO. 2020-051

**A RESOLUTION ACCEPTING BIDS AND AWARDING A CONTRACT
FOR THE 31ST STREET & STILLWATER BOULEVARD WATERMAIN
IMPROVEMENTS**

WHEREAS, pursuant to an advertisement for bids for the 31st Street & Stillwater Boulevard Watermain Improvements, bids were received, opened, and tabulated according to law, and bids were received complying with the advertisement; and

WHEREAS, bids were tabulated, checked and summarized to verify that all requirements of the submittal were met; and

WHEREAS, the project engineer reviewed the bids and has provided a letter recommending the award of the contract to the lowest responsible bidder, Miller Excavating, Inc., for the amount of \$332,293.33.

NOW, THEREFORE, BE IT RESOLVED,

1. That the Mayor and City Clerk are hereby authorized and directed to enter into a Contract in the accordance with the above ordered Project, in the amount of the Contractor's lowest responsible bid, and according to the plans and specifications thereof approved by the City Council.
2. The City Clerk is hereby authorized and directed to return forthwith to all bidders the deposits made with their bids, except that the deposits of the successful bidder and the next two lowest bidders shall be retained until a contract has been signed.

**ADOPTED BY THE LAKE ELMO CITY COUNCIL ON THE FIFTH DAY OF MAY,
2020.**

CITY OF LAKE ELMO

(Seal)
ATTEST:

Julie Johnson
City Clerk

By: _____
Mike Pearson
Mayor



**BOLTON
& MENK**

Real People. Real Solutions.

2035 County Road D East
Maplewood, MN 55109-5314

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Fax: (651) 704-9971
Bolton-Menk.com

April 21, 2020

Jack Griffin, P.E.
City Engineer
City of Lake Elmo
3880 Laverne Avenue N Suite 100
Lake Elmo, Minnesota 55042

RE: 31st Street - Stillwater Boulevard Watermain Extension
City of Lake Elmo, MN
Project No. 2019.124
BMI Project No. N17.119981

Dear Mr. Griffin,

Attached is the bid abstract for the project referenced above. Bids were received at 10:30 a.m. on Thursday, April 16, 2020. The following is a summary of the bids received:

Bidder	Total Bid
Miller Excavating, Inc.	\$332,293.33
A-1 Excavating Inc.	\$333,333.00
Pember Companies, Inc.	\$333,988.10
Minger Construction Company Inc.	\$364,577.00
GM Contracting, Inc.	\$441,027.07

We have reviewed the bids and recommend awarding this bid to Miller Excavating, Inc. in the amount of \$332,293.33.

Sincerely,

Bolton & Menk, Inc.

Michael R. Warner, P.E.
Project Manager

Enclosure

ABSTRACT OF BIDS
 31ST STREET WATERMAIN EXTENSION
 PROJECT NO. 2019.124
 CITY OF LAKE ELMO
 BID DATE: APRIL 16, 2020 AT 10:30 AM

NO.	ITEM	UNIT	QTY	1		2		3		4		5	
				MILLER EXCAVATING, INC.	TOTAL PRICE	A-1 EXCAVATING, INC.	TOTAL PRICE	PEMBER COMPANIES, INC.	TOTAL PRICE	MINGER CONSTRUCTION CO., INC.	TOTAL PRICE	GM CONTRACTING, INC.	TOTAL PRICE
BASE BID:													
1	MOBILIZATION	LS	1	\$16,052.79	\$16,052.79	\$25,000.00	\$25,000.00	\$25,300.00	\$25,300.00	\$38,000.00	\$38,000.00	\$60,000.00	\$60,000.00
2	TRAFFIC CONTROL	LS	1	\$13,984.94	\$13,984.94	\$8,000.00	\$8,000.00	\$7,000.00	\$7,000.00	\$6,300.00	\$6,300.00	\$20,000.00	\$20,000.00
3	GRUBBING	EA	1	\$276.37	\$276.37	\$900.00	\$900.00	\$300.00	\$300.00	\$4,500.00	\$4,500.00	\$500.00	\$500.00
4	CONNECT TO EXISTING 12" WATER MAIN	EA	1	\$3,789.51	\$3,789.51	\$1,926.00	\$1,926.00	\$1,600.00	\$1,600.00	\$7,000.00	\$7,000.00	\$7,992.88	\$7,992.88
5	HYDRANT	EA	3	\$4,938.27	\$14,814.81	\$6,556.00	\$19,668.00	\$5,230.00	\$15,690.00	\$6,300.00	\$18,900.00	\$6,339.91	\$19,019.73
6	HYDRANT EXTENSION	LF	2	\$694.36	\$1,388.72	\$70.00	\$140.00	\$1,000.00	\$2,000.00	\$1,250.00	\$2,500.00	\$619.46	\$1,238.92
7	6" GATE VALVE AND BOX	EA	3	\$1,823.25	\$5,469.75	\$1,935.00	\$5,805.00	\$1,500.00	\$4,500.00	\$2,100.00	\$6,300.00	\$3,299.57	\$9,898.71
8	8" GATE VALVE AND BOX	EA	2	\$2,317.78	\$4,635.56	\$2,660.00	\$5,320.00	\$2,110.00	\$4,220.00	\$2,600.00	\$5,200.00	\$3,847.36	\$7,694.72
9	VALVE BOX EXTENSION	LF	2	\$388.54	\$777.08	\$17.00	\$34.00	\$80.00	\$160.00	\$125.00	\$250.00	\$230.68	\$461.36
10	1" TYPE "K" COPPER WATER SERVICE	LF	160	\$72.59	\$11,614.40	\$40.00	\$6,400.00	\$50.00	\$8,000.00	\$17.00	\$2,720.00	\$43.19	\$6,910.40
11	1" CORPORATION STOP W/ SADDLE	EA	2	\$905.51	\$1,811.02	\$905.00	\$1,810.00	\$360.00	\$720.00	\$415.00	\$830.00	\$846.35	\$1,692.70
12	1" CORPORATION STOP	EA	4	\$732.87	\$2,931.48	\$1,025.00	\$4,100.00	\$225.00	\$900.00	\$415.00	\$1,660.00	\$715.36	\$2,861.44
13	1" CURB STOP & BOX	EA	6	\$535.92	\$3,215.52	\$1,670.00	\$10,020.00	\$305.00	\$1,830.00	\$385.00	\$2,310.00	\$819.87	\$4,919.22
14	6" DIP, CL. 52 WATER MAIN	LF	15	\$63.75	\$956.25	\$85.00	\$1,275.00	\$57.00	\$855.00	\$170.00	\$2,550.00	\$67.07	\$1,006.05
15	8" DIP, CL. 52 WATER MAIN	LF	70	\$72.74	\$5,091.80	\$93.00	\$6,510.00	\$65.00	\$4,550.00	\$80.00	\$5,600.00	\$75.75	\$5,302.50
16	12" DIP, CL. 52 WATER MAIN	LF	20	\$134.44	\$2,688.80	\$111.00	\$2,220.00	\$122.00	\$2,440.00	\$124.00	\$2,480.00	\$83.39	\$1,667.80
17	10" HDPE WATER MAIN, DIRECTIONAL DRILL	LF	900	\$55.36	\$49,824.00	\$59.00	\$53,100.00	\$55.00	\$49,500.00	\$63.00	\$56,700.00	\$130.45	\$117,405.00
18	BORING PITS	LS	1	\$24,163.60	\$24,163.60	\$16,800.00	\$16,800.00	\$34,000.00	\$34,000.00	\$40,000.00	\$40,000.00	\$12,250.00	\$12,250.00
19	8" DIP, CL. 52 WATERMAIN (IN CASING)	LF	216	\$36.81	\$7,950.96	\$58.00	\$12,528.00	\$38.00	\$8,208.00	\$75.00	\$16,200.00	\$41.00	\$8,856.00
20	30" MIN. STEEL CASING (TRENCHLESS)	LF	216	\$563.02	\$121,612.32	\$528.00	\$114,048.00	\$545.00	\$117,720.00	\$450.00	\$97,200.00	\$488.00	\$105,408.00
21	TUNNEL OBSTRUCTION	EA	2	\$2,931.17	\$5,862.34	\$2,750.00	\$5,500.00	\$2,650.00	\$5,300.00	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00
22	DUCTILE IRON FITTINGS	LB	520	\$10.64	\$5,532.80	\$9.00	\$4,680.00	\$8.45	\$4,394.00	\$14.00	\$7,280.00	\$15.00	\$7,800.00
23	10" HDPE TO 8" DIP TRANSITION FITTING	EA	8	\$342.16	\$2,737.28	\$870.00	\$6,960.00	\$940.00	\$7,520.00	\$1,300.00	\$10,400.00	\$685.00	\$5,480.00
24	OFF ROAD STRUCTURE MARKER	EA	1	\$57.86	\$57.86	\$100.00	\$100.00	\$190.00	\$190.00	\$325.00	\$325.00	\$100.00	\$100.00

ABSTRACT OF BIDS
 31ST STREET WATERMAIN EXTENSION
 PROJECT NO. 2019.124
 CITY OF LAKE ELMO
 BID DATE: APRIL 16, 2020 AT 10:30 AM

NO.	ITEM	UNIT	QTY	1 MILLER EXCAVATING, INC.		2 A-1 EXCAVATING, INC.		3 PEMBER COMPANIES, INC.		4 MINGER CONSTRUCTION CO., INC.		5 GM CONTRACTING, INC.	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
25	SALVAGE AND REINSTALL MAILBOX	EA	1	\$198.61	\$198.61	\$200.00	\$200.00	\$160.00	\$160.00	\$260.00	\$260.00	\$250.00	\$250.00
26	TEMPORARY MAILBOX	EA	7	\$59.78	\$418.46	\$1.00	\$7.00	\$100.00	\$700.00	\$325.00	\$2,275.00	\$125.00	\$875.00
27	REMOVE AND REPLACE GRAVEL STREET	SY	118	\$15.23	\$1,797.14	\$15.00	\$1,770.00	\$20.20	\$2,383.60	\$31.50	\$3,717.00	\$31.00	\$3,658.00
28	PATCH BITUMINOUS DRIVEWAY	SY	20	\$66.52	\$1,330.40	\$180.00	\$3,600.00	\$160.00	\$3,200.00	\$160.00	\$3,200.00	\$225.00	\$4,500.00
29	AGGREGATE BASE CLASS 2	TON	50	\$35.77	\$1,788.50	\$29.00	\$1,450.00	\$33.60	\$1,680.00	\$41.00	\$2,050.00	\$61.64	\$3,082.00
30	TOPSOIL BORROW (CV)	CY	112	\$54.73	\$6,129.76	\$1.00	\$112.00	\$65.00	\$7,280.00	\$5.00	\$560.00	\$43.72	\$4,896.64
31	SEED & EROSION CONTROL BLANKET	SY	500	\$3.52	\$1,760.00	\$6.00	\$3,000.00	\$3.20	\$1,600.00	\$3.25	\$1,625.00	\$3.50	\$1,750.00
32	SOD	SY	500	\$17.59	\$8,795.00	\$17.00	\$8,500.00	\$15.00	\$7,500.00	\$16.00	\$8,000.00	\$12.00	\$6,000.00
33	SILT FENCE, MACHINE SLICED	LF	450	\$4.69	\$2,110.50	\$3.00	\$1,350.00	\$4.25	\$1,912.50	\$4.50	\$2,025.00	\$4.00	\$1,800.00
34	STREET SWEEPER WITH PICK UP BROOM	HR	5	\$145.00	\$725.00	\$100.00	\$500.00	\$135.00	\$675.00	\$132.00	\$660.00	\$150.00	\$750.00
TOTAL BASE BID					\$332,293.33		\$333,333.00		\$333,988.10		\$364,577.00		\$441,027.07

PROJECT SCHEDULE
CITY OF LAKE ELMO

FOCUS ENGINEERING, inc.

31ST STREET AND STILLWATER BLD WATERMAIN IMPROVEMENTS
PROJECT NO. 2019.124

Cara Geheren, P.E. 651.300.4261
Jack Griffin, P.E. 651.300.4264
Ryan Stempksi, P.E. 651.300.4267
Chad Isakson, P.E. 651.300.4283

OCTOBER 1, 2019	Council Approves MPCA Grant Agreement for 31st Street and Stillwater Boulevard Watermain Improvements.
OCTOBER 15, 2019	Council Authorizes Topographic Survey and Final Design Services.
NOVEMBER 19, 2019	Council orders preparation of Feasibility Report.
FEBRUARY 4, 2020	Presentation of Feasibility Report. Council accepts Report and calls for Improvement Hearing.
MARCH 4, 2020	Public Improvement Hearing. Council Orders the Improvement (4/5th Vote).
MARCH 17, 2020	Council approves Plans and Specifications and orders Advertisement for Bids.
APRIL 16, 2020	Project Bid Date: Receive contractor bids.
MAY 5, 2020	Council accepts Bids and awards Contract.
JUNE 2, 2020	Conduct Pre-Construction Meeting and issue Notice to Proceed. <ul style="list-style-type: none">• SEPTEMBER 25, 2020 Substantial Completion.• NOVEMBER 13, 2020 Final Completion.
SEPTEMBER 7, 2021	Council Declares Costs to be Assessed and Calls for Hearing on Assessment.
OCTOBER 5, 2021	Final Assessment Hearing. Council adopts the Final Assessment Roll.