

STAFF REPORT

DATE: May 5, 2020

REGULAR

AGENDA ITEM: Accept Bids and Award Contract for the Stonegate Addition Street and Utility

Improvements

SUBMITTED BY: Jack Griffin, City Engineer

REVIEWED BY: Kristina Handt, City Administrator

Marty Powers, Public Works Director Cara Geheren, Project Engineer

<u>ISSUE BEFORE COUNCIL</u>: Should the City Council accept bids and award a contract for the Stonegate Addition Street and Utility Improvements?

BACKGROUND: On March 17th, 2020, the City Council approved the plans and specifications for the Stonegate Addition Street and Utility 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 65 homes in the Stonegate 1st and 2nd Additions. The grant is in the not to exceed amount of \$4,284,300. 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 neighborhood is located in a Special Well Construction Area (SWCA) as designated by the Minnesota Department of Health (MDH) after the discovery of PFAS groundwater contamination and many of the properties have received well advisories from the MDH and are currently having their water supply treated using GAC filters supplied by the State.

The project extends the public watermain from the adjacent Inwood development along 10th Street North, then along the public streets, making a looped watermain connection to the adjacent Savona development. Individual water service stubs will be installed to the edge of right-of-way at each of the 65 residential properties. The project will include restoration following the watermain installation, including a street reclamation for the Stonegate 2nd Addition along with boulevard sodding throughout the project over the disturbed areas. 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 2 bids for this project, with A-1 Excavating, Inc. providing the lowest bid in the amount of \$2,692,593.75. Contractor references for A-1 Excavating, Inc. were reviewed and verified. The City Engineer is therefore recommending that the Council award the contract to the lowest responsible bidder, A-1 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 \$40,000. 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 \$4,359,400. This includes the public watermain improvements and service stubs, the private water service connections and well sealing improvements, and the street and storm sewer 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 A-1 Excavating, Inc. in the amount of \$2,692,593.75 for the Stonegate Street and Utility Improvements. The recommended motion for this action is as follows:

"Move to approve Resolution No. 2020–050, accepting bids and awarding a contract to A-1 Excavating, Inc. in the amount of \$2,692,593.75 for the Stonegate Addition Street and Utility 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 \$40,000. 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 \$40,000 for the Stonegate Addition Street and Utility Improvements."

ATTACHMENTS:

- 1. Resolution Accepting Bids and Awarding a Contract for the Stonegate Addition Street and Utility Improvements.
- 2. Abstract of Bids.
- 3. Project Schedule.

CITY OF LAKE ELMO WASHINGTON COUNTY STATE OF MINNESOTA

RESOLUTION NO. 2020-050

A RESOLUTION ACCEPTING BIDS AND AWARDING A CONTRACT FOR THE STONEGATE ADDITION STREET AND UTILITY IMPROVEMENTS

WHEREAS, pursuant to an advertisement for bids for the Stonegate Addition Street and Utility 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, A-1 Excavating, Inc., for the amount of \$2,692,593.75.

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

	By:
	Mike Pearson
(Seal)	Mayor
ATTEST:	·
Julie Johnson	
City Clerk	



Real People. Real Solutions.

Ph: (651) 704-9970 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: Stonegate Addition Street and Utility Improvements

City of Lake Elmo, MN Project No. 2019.120 BMI Project No. N17.119980

Dear Mr. Griffin,

Attached is the bid abstract for the project referenced above. Bids were received at 10:00 a.m. on Thursday, April 16, 2020. The following is a summary of the bids received:

BidderTotal BidA-1 Excavating Inc.\$2,692,593.75Northdale Construction Company\$2,860,121.88

We have reviewed the bids and recommend awarding this bid to A-1 Excavating Inc. in the amount of \$2,692,593.75.

Sincerely,

Bolton & Menk, Inc.

Mall RWan

Michael R. Warner, P.E.

Project Manager

Enclosure

STONEGATE ADDITION STREET AND UTILITY IMPROVEMENTS CITY PROJECT NO. 2019.120

CITY OF LAKE ELMO, MN

BID DATE: APRIL 16, 2020 AT 10:00 AM

				A-1 EXCAV	ATING INC.	NORTHDALE CONST	TRUCTION CO., INC.
NO.	ITEM	UNIT	QTY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
	BASE BID						
1	MOBILIZATION	LS	1	\$162,500.00	\$162,500.00	\$92,012.50	\$92,012.50
2	TRAFFIC CONTROL	LS	1	\$10,800.00	\$10,800.00	\$29,887.50	\$29,887.50
3	INLET PROTECTION	EA	57	\$120.00	\$6,840.00	\$250.00	\$14,250.00
4	SILT FENCE, HAND INSTALLED	LF	230	\$3.00	\$690.00	\$5.25	\$1,207.50
5	CLEARING	EA	25	\$210.00	\$5,250.00	\$210.00	\$5,250.00
6	GRUBBING	EA	25	\$250.00	\$6,250.00	\$52.50	\$1,312.50
7	REMOVE WATERMAIN PIPE	LF	20	\$10.00	\$200.00	\$50.00	\$1,000.00
8	CONNECT TO EXISTING 12" WATERMAIN	EA	1	\$2,460.00	\$2,460.00	\$27,935.56	\$27,935.56
9	CUT TEE INTO EXISTING 12" WATERMAIN	EA	1	\$2,660.00	\$2,660.00	\$2,935.56	\$2,935.56
10	HYDRANT	EA	23	\$7,050.00	\$162,150.00	\$5,544.91	\$127,532.93
11	HYDRANT EXTENSION	LF	12	\$875.00	\$10,062.50	\$732.32	\$8,421.68
12	6" GATE VALVE AND BOX	EA	23	\$1,425.00	\$32,775.00	\$2,385.40	\$54,864.20
13	8" GATE VALVE AND BOX	EA	11	\$2,000.00	\$22,000.00	\$2,833.44	\$31,167.84
14	12" GATE VALVE AND BOX	EA	13	\$5,180.00	\$67,340.00	\$4,044.08	\$52,573.04
15	PRESSURE REDUCING VALVE STATION	LS	1	\$43,000.00	\$43,000.00	\$37,793.37	\$37,793.37
16	VALVE BOX EXTENSION	LF	24	\$130.00	\$3,055.00	\$214.80	\$5,047.80

STONEGATE ADDITION STREET AND UTILITY IMPROVEMENTS CITY PROJECT NO. 2019.120

CITY OF LAKE ELMO, MN

BID DATE: APRIL 16, 2020 AT 10:00 AM

				A-1 EXCAV	ATING INC.	NORTHDALE CONST	TRUCTION CO., INC.
NO.	ITEM	UNIT	QTY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
17	1.5" CORPORATION STOP W/ SADDLE	EA	59	\$900.00	\$53,100.00	\$528.23	\$31,165.57
18	1.5" CORPORATION STOP	EA	6	\$690.00	\$4,140.00	\$370.96	\$2,225.76
19	1.5" CURB STOP & BOX	EA	65	\$1,010.00	\$65,650.00	\$635.98	\$41,338.70
20	1.5" TYPE "K" COPPER WATER SERVICE	LF	1,650	\$51.00	\$84,150.00	\$33.08	\$54,582.00
21	1.5" TYPE "K" COPPER WATER SERVICE, DIRECTIONAL DRILL	LF	1,150	\$45.00	\$51,750.00	\$59.33	\$68,229.50
22	6" DIP, CL. 52 WATERMAIN, INCL POLY WRAP	LF	205	\$71.00	\$14,555.00	\$86.91	\$17,816.55
23	8" DIP, CL. 52 WATERMAIN, INCL POLY WRAP	LF	340	\$79.00	\$26,860.00	\$95.09	\$32,330.60
24	12" DIP, CL. 52 WATERMAIN, INCL POLY WRAP	LF	340	\$98.00	\$33,320.00	\$113.53	\$38,600.20
25	10" HDPE WATERMAIN, DIRECTIONAL DRILL	LF	6,225	\$45.00	\$280,125.00	\$47.56	\$296,061.00
26	14" HDPE WATERMAIN, DIRECTIONAL DRILL	LF	6,650	\$67.00	\$445,550.00	\$67.21	\$446,946.50
27	DUCTILE IRON FITTINGS	LB	4,300	\$11.00	\$47,300.00	\$12.42	\$53,406.00
28	10" HDPE TO 8" DIP TRANSITION FITTING	EA	30	\$1,030.00	\$30,900.00	\$1,976.66	\$59,299.80
29	14" HDPE TO 12" DIP TRANSITION FITTING	EA	31	\$1,230.00	\$38,130.00	\$2,102.85	\$65,188.35
30	2" POLYSTYRENE INSULATION	SY	51	\$36.00	\$1,836.00	\$35.03	\$1,786.53
31	OFF ROAD STRUCTURE MARKER	EA	1	\$120.00	\$120.00	\$105.00	\$105.00
32	REMOVE AND DISPOSE OF EXISTING STORM SEWER PIPE	LF	85	\$15.00	\$1,275.00	\$12.50	\$1,062.50
33	REMOVE AND DISPOSE OF EXISTING STORM SEWER STRUCTURE	EA	5	\$450.00	\$2,250.00	\$500.00	\$2,500.00

STONEGATE ADDITION STREET AND UTILITY IMPROVEMENTS CITY PROJECT NO. 2019.120

CITY OF LAKE ELMO, MN

BID DATE: APRIL 16, 2020 AT 10:00 AM

	* * * * * * * * * * * * * * * * * * * *			A-1 EXCAV	ATING INC.	NORTHDALE CONSTRUCTION CO., INC.	
NO.	ITEM	UNIT	QTY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
34	REMOVE AND REPLACE 24" FES, INCL TRASH GUARD	EA	1	\$2,000.00	\$2,000.00	\$3,908.15	\$3,908.15
35	CONNECT EXISTING STORM SEWER PIPE TO NEW STRUCTURE	EA	4	\$900.00	\$3,600.00	\$1,250.00	\$5,000.00
36	SALVAGE AND REINSTALL 18" RCP FLARED END SECTION	EA	1 _	\$550.00	\$550.00	\$1,250.00	\$1,250.00
37	SALVAGE AND REINSTALL 36" RCP FLARED END SECTION	EA	1	\$750.00	\$750.00	\$1,500.00	\$1,500.00
38	TRASH GUARD FOR 24" RCP FLARED END SECTION	EA	1	\$1,500.00	\$1,500.00	\$697.81	\$697.81
39	15" RCP STORM SEWER, CL 5	LF	1,140	\$60.00	\$68,400.00	\$61.23	\$69,802.20
40	2'X3' CATCH BASIN WITH CASTING PER DETAIL 404	EA	4	\$2,440.00	\$9,760.00	\$2,617.37	\$10,469.48
41	4' DIA CBMH WITH CASTING PER DETAIL 406	EA	11	\$3,290.00	\$36,190.00	\$3,638.79	\$40,026.69
42	RECONSTRUCT 4' DIA STORM STRUCTURE	EA	1	\$900.00	\$900.00	\$2,296.23	\$2,296.23
43	FURNISH AND INSTALL 12" (5' DIA) BARREL SECTION	EA	1	\$1,100.00	\$1,100.00	\$2,039.30	\$2,039.30
44	FURNISH AND INSTALL 12" (4' DIA) BARREL SECTION	EA	1	\$825.00	\$825.00	\$1,546.23	\$1,546.23
45	REMOVE AND REPLACE STORM STRUCTURE TOP SLAB (4' DIA)	EA	1	\$800.00	\$800.00	\$1,584.59	\$1,584.59
46	SALVAGE AND REINSTALL STORM STRUCTURE TOP SLAB (4' DIA)	EA	1	\$420.00	\$420.00	\$1,250.00	\$1,250.00
47	PATCH DOGHOUSE	EA	2	\$200.00	\$400.00	\$400.00	\$800.00
48	CORE DRILL 15" STORM SEWER CONNECTION INTO EXISTING CATCH BASIN	EA	1	\$600.00	\$600.00	\$2,321.00	\$2,321.00
49	RANDOM RIPRAP CL III WITH FABRIC	СУ	60	\$80.00	\$4,800.00	\$125.00	\$7,500.00
50	JET AND CLEAN STORM PIPE	LF	390	\$10.00	\$3,900.00	\$13.76	\$5,366.40

STONEGATE ADDITION STREET AND UTILITY IMPROVEMENTS

CITY PROJECT NO. 2019.120 CITY OF LAKE ELMO, MN

BID DATE: APRIL 16, 2020 AT 10:00 AM

_	,			A-1 EXCAVATING INC.		NORTHDALE CONSTRUCTION CO., INC.	
NO.	ITEM	UNIT	QTY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
51	DITCH GRADING	LF	100	\$20.00	\$2,000.00	\$15.00	\$1,500.00
52	SALVAGE & REINSTALL MAILBOX	EA	33 _	\$115.00	\$3,795.00	\$110.25	\$3,638.25
53	SALVAGE AND REINSTALL SIGN	EA	3 _	\$44.00	\$132.00	\$262.50	\$787.50
54	SAWCUT BITUMINOUS PAVEMENT	LF	1,200	\$3.00	\$3,600.00	\$1.94	\$2,328.00
55	SAWCUT CONCRETE PAVEMENT	LF	200	\$6.00	\$1,200.00	\$4.99	\$998.00
56	REMOVE AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT	SY	685	\$10.00	\$6,850.00	\$5.00	\$3,425.00
57	REMOVE AND DISPOSE OF BITUMINOUS PAVEMENT (DRIVEWAY)	SY	450	\$7.00	\$3,150.00	\$5.00	\$2,250.00
58	REMOVE AND DISPOSE OF 6" CONCRETE PAVEMENT (DRIVEWAY)	SY	115	\$10.00	\$1,150.00	\$7.50	\$862.50
59	REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER	LF	225	\$7.00	\$1,575.00	\$5.00	\$1,125.00
60	REMOVE AND REPLACE OF EXISTING CONCRETE CURB AND GUTTER	LF	500	\$28.50	\$14,250.00	\$29.26	\$14,630.00
61	RECLAIM EXISTING BITUMINOUS AND BASE MATERIALS, 8" DEPTH (UTILITY	SY	5,200	\$1.90	\$9,880.00	\$3.47	\$18,044.00
62	RECLAIM EXISTING BITUMINOUS AND BASE MATERIALS, 12" DEPTH (FINAL)	SY	17,000	\$1.90	\$32,300.00	\$3.47	\$58,990.00
63	REMOVE AND REPLACE CASTING AND RINGS	EA	16	\$1,250.00	\$20,000.00	\$1,568.63	\$25,098.08
64	SALVAGE AND REINSTALL CASTING W/ NEW RINGS	EA	4	\$790.00	\$3,160.00	\$1,127.88	\$4,511.52
65	HAUL EXCESS RECLAIMED MATERIAL OFF SITE (LV)	СУ	1,800	\$8.00	\$14,400.00	\$0.01	\$18.00
66	AGGREGATE BASE, CLASS 6	TN	500	\$23.00	\$11,500.00	\$25.59	\$12,795.00
67	AGGREGATE SURFACE, CLASS 2	TN	15	\$26.00	\$390.00	\$25.59	\$383.85

STONEGATE ADDITION STREET AND UTILITY IMPROVEMENTS CITY PROJECT NO. 2019.120

CITY OF LAKE ELMO, MN

BID DATE: APRIL 16, 2020 AT 10:00 AM

	·			A-1 EXCAVATING INC.		NORTHDALE CONSTRUCTION CO., INC.	
NO.	ITEM	UNIT	QTY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
68	CORE DRILL 4" DRAIN TILE CONNECTION INTO EXISTING CATCH BASIN	EA	15 _	\$275.00	\$4,125.00	\$200.00	\$3,000.00
69	4" PERFORATED PVC EDGE DRAIN W/ BACKFILL & WRAP	LF	2,325	\$14.00	\$32,550.00	\$23.59	\$54,846.75
70	DRAIN TILE CLEANOUT	EA	22	\$1,150.00	\$25,300.00	\$223.73	\$4,922.06
71	SUBGRADE CORRECTION (EV)	CY	800	\$15.00	\$12,000.00	\$40.00	\$32,000.00
72	SUBGRADE PREPARATION	RS	60	\$100.00	\$6,000.00	\$300.03	\$18,001.80
73	SALVAGE, STOCKPILE, AND RESPREAD RECLAIMED MATERIAL (UTILITY TREN	LS	1 _	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
74	BITUMINOUS DRIVEWAY PAVEMENT	SY	450	\$38.70	\$17,415.00	\$49.09	\$22,090.50
75	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,C) [SPWEA230C]	TN	1,750	\$72.00	\$126,000.00	\$73.29	\$128,257.50
76	TYPE SP 12.5 BITUMINOUS NON WEARING COURSE MIXTURE (2,C) [SPNWB	TN	2,320	\$66.80	\$154,976.00	\$68.04	\$157,852.80
77	BITUMINOUS MATERIAL FOR TACK COAT	GAL	1,290	\$2.85	\$3,676.50	\$2.89	\$3,728.10
78	PATCH BITUMINOUS STREET (PAVEMENT ONLY)	SY	360	\$28.00	\$10,080.00	\$48.90	\$17,604.00
79	PATCH BITUMINOUS STREET (FULL DEPTH)	SY	360	\$28.00	\$10,080.00	\$48.90	\$17,604.00
80	B418 CONCRETE CURB & GUTTER	LF	11,250	\$11.85	\$133,312.50	\$12.02	\$135,225.00
81	CONCRETE MATURITY TESTING	LS	1 _	\$2,100.00	\$2,100.00	\$2,100.00	\$2,100.00
82	6" CONCRETE FLUME	SF	270	\$18.80	\$5,076.00	\$11.24	\$3,034.80
83	6" CONCRETE DRIVEWAY PAVEMENT (HIGH EARLY)	SY	115	\$72.65	\$8,354.75	\$85.78	\$9,864.70
84	6" CONCRETE PEDESTRIAN RAMP	SF	45	\$26.70	\$1,201.50	\$19.54	\$879.30

STONEGATE ADDITION STREET AND UTILITY IMPROVEMENTS

CITY PROJECT NO. 2019.120

CITY OF LAKE ELMO, MN

BID DATE: APRIL 16, 2020 AT 10:00 AM

				A-1 EXCAV	ATING INC.	NORTHDALE CONS	TRUCTION CO., INC.
NO.	ITEM	UNIT	QTY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
85	TRUNCATED DOME PANELS	SF	16 _	\$48.00	\$768.00	\$49.25	\$788.00
86	REMOVE SIGN	EA	16	\$43.00	\$688.00	\$42.00	\$672.00
87	SIGN PANELS TYPE C	SF	77 _	\$61.00	\$4,697.00	\$57.75	\$4,446.75
88	STREET NAME BLADE SIGN (2 BLADES)	EA	6	\$425.00	\$2,550.00	\$420.00	\$2,520.00
89	STREET NAME BLADE SIGN (3 BLADES)	EA	1 _	\$525.00	\$525.00	\$525.00	\$525.00
90	TOPSOIL BORROW (LV)	СУ	2,300	\$0.01	\$23.00	\$36.75	\$84,525.00
91	SEED & EROSION CONTROL BLANKET	SY	1,450	\$2.50	\$3,625.00	\$2.36	\$3,422.00
92	SOD	SY	14,500	\$8.00	\$116,000.00	\$7.67	\$111,215.00
93	STREET SWEEPER WITH PICK UP BROOM	HR	10 _	\$160.00	\$1,600.00	\$141.75	\$1,417.50
	TOTAL BASE BID				\$2,692,593.75		\$2,860,121.88

PROJECT SCHEDULE CITY OF LAKE ELMO



Cara Geheren, P.E.

Jack Griffin, P.E. Ryan Stempski, P.E. Chad Isakson, P.E. 651.300.4261 651.300.4264 651.300.4267

651.300.4283

STONEGATE ADDITION STREET AND UTILITY IMPROVEMENTS PROJECT NO. 2019.120

JULY 16, 2019	Council orders preparation of Feasibility Report.				
OCTOBER 1, 2019	Council Approves MPCA Grant Agreement for Stonegate Watermain Project.				
OCTOBER 15, 2019	Council Authorizes Topographic Survey and Final Design Services.				
NOVEMBER 19, 2019	Presentation of Feasibility Report. Council accepts Report and calls for Improvement Hearing.				
DECEMBER 17, 2019	Public Improvement Hearing. Council Orders the Improvement (4/5th Vote) and preparation of Plans and Specifications.				
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. • SEPTEMEBER 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.				