



MAYOR & COUNCIL COMMUNICATION

DATE: March 2, 2016
REGULAR
ITEM # 8

AGENDA ITEM: Inwood Avenue Trunk Watermain Improvements – Accept Bids and Award Contract

SUBMITTED BY: Chad Isakson, Project Engineer

THROUGH: Clark Schroeder, Interim City Administrator

REVIEWED BY: Jack Griffin, City Engineer
Cathy Bendel, Finance Director
Mike Bouthilet, Public Works

SUGGESTED ORDER OF BUSINESS:

- Introduction of Item..... City Engineer
- Report/Presentation City Engineer
- Questions from Council to Staff..... Mayor Facilitates
- Public Input, if Appropriate..... Mayor Facilitates
- Call for Motion Mayor & City Council
- Discussion Mayor & City Council
- Action on Motion..... Mayor Facilitates

POLICY RECOMMENDER: Engineering.

FISCAL IMPACT: \$1,411,737.31

Approval of this resolution commits the council to enter into a construction contract for the project with a construction contract amount of \$1,411,737.31. The improvement will be funded through a combination of the city's water enterprise fund, bonding, and DEED Grant funds

SUMMARY AND ACTION REQUESTED:

The City Council is respectfully requested to consider accepting contractor bids as presented and award a contract for the Inwood Avenue Trunk Watermain Improvements. The recommended motion for this action is as follows:

“Move to approve Resolution No. 2016-15, Accepting Bids and Awarding a Contract to Northdale Construction Company, Inc. in the base bid amount of \$1,411,737.31 for the Inwood Avenue Trunk Watermain.”

LEGISLATIVE HISTORY/BACKGROUND INFORMATION:

Bids were received, publicly opened, and read aloud on February 18, 2016. The City’s design consultant has prepared and attached the Tabulation of Bids and a letter of recommendation for the award of the contract. The City received 4 bids for this project, with Northdale Construction Company, Inc. providing the lowest bid in the amount of \$1,411,737.31. The design engineers post design estimate of cost was \$1,492,700.00.

Contractor references for Northdale Construction Company, 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, Northdale Construction Company, Inc. as outlined in the attached letter.

The City Council approved the Plans and Specifications for the Inwood Water Booster Station on January 19, 2016 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 improvements include:

- Extension of a 16-inch diameter trunk watermain along Inwood Avenue from 26th Street North to Eagle Point Boulevard, connecting to the existing water system in the Eagle Point Business Park.
- Installation of 2 service stubs to existing properties to provide property owners the opportunity to hook up to municipal water.
- Traffic control, erosion control, cleanup and restoration.

An alternate bid was taken to consider using a different pipe material commonly used in the industry. Based on the bid results it is not recommended the City award the alternate bid as a part of this project.

RECOMMENDATION:

Staff is recommending that the City Council approve Resolution No. 2016-15, thereby accepting bids and awarding a contract to Northdale Construction Company, Inc., in the amount of \$1,411,737.31 for the Inwood Avenue Trunk Watermain Improvements. The recommended motion for this action is as follows:

“Move to approve Resolution No. 2016-15, Accepting Bids and Awarding a Contract to Northdale Construction Company, Inc. in the base bid amount of \$1,411,737.31 for the Inwood Trunk Watermain Improvements.”

ATTACHMENT(S):

1. Resolution 2016-15 Accepting Bids and Awarding a Contract.
2. Tabulation of Bids and Engineer’s Letter of Award Recommendation.
3. Project Schedule.

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

RESOLUTION NO. 2016-15

**A RESOLUTION ACCEPTING BIDS AND AWARDING A CONTRACT
FOR THE INWOOD AVENUE TRUNK WATERMAIN IMPROVEMENTS**

WHEREAS, pursuant to an advertisement for bids for the Inwood Avenue Trunk 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 submittals 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, Northdale Construction Company, Inc. in the base bid amount of \$1,411,737.31.

NOW, THEREFORE, IT IS HEREBY RESOLVED,

1. The Mayor and City Clerk are hereby authorized and directed to enter into a Contract in 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 SECOND DAY OF
MARCH 2016.**

CITY OF LAKE ELMO

By: _____

Mike Pearson

Mayor

(Seal)

ATTEST:

Julie Johnson
City Clerk



February 22, 2016

Chad Isakson, Municipal Engineer
Focus Engineering, Inc.
3880 Laverne Ave N, Suite 175
Lake Elmo, MN 55042

Re: Inwood Trunk Watermain Improvements
Focus Engineering, Inc.

Dear Chad:

Upon review of the bids received on February 18, 2016 for the above-referenced project, it was found that they were submitted by qualified contractors. The project was bid to allow the City to award the project utilizing 16" HDPE directionally drilled watermain (Base Bid) or 14" Fusible PVC watermain (Base Bid plus Alternate A). It is our recommendation that the low responsive bidder listed below be accepted and award made at your next meeting. We also recommend the City award the project based upon the Base Bid.

Northdale Construction Co. Inc.
9760 71st Street NE
Albertville, MN 55301

Base Bid Amount \$1,411,737.31

Please execute the enclosed Notice of Award in triplicate for the contract and return two copies to our office and keep one for your files. After receiving the executed copies, we will forward one copy of the Notice of Award and the remaining contract package to the Contractor.

Sincerely,

MSA Professional Services, Inc.

Chuck Schwartz
Team Leader

smm

Offices in Illinois, Iowa, Minnesota, and Wisconsin

60 PLATO BLVD EAST, SUITE 140 • ST. PAUL, MN 55107
612.548.3132 • 866.452-9454 • FAX: 763.786.4574
www.msa-ps.com

BID TABULATION

PROJECT: Inwood Trunk Watermain Improvements
City of Lake Elmo, MN

PROJECT NUMBER: 09880005 / 2014.129
BID DATE: February 18, 2016

				Northdale Construction Albertville, MN		BEK Consulting Dickinson, ND		GM Contracting Lake Crystal, MN		Ellingson Drainage, Inc. West Concord, MN	
ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
BASE BID											
	DIVISION 1 - GENERAL										
1.	MOBILIZATION	1	LS	\$ 64,800.00	\$ 64,800.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00	\$ 45,000.00	\$ 45,000.00
2.	TRAFFIC CONTROL	1	LS	\$ 22,945.00	\$ 22,945.00	\$ 17,100.00	\$ 17,100.00	\$ 73,126.15	\$ 73,126.15	\$ 4,700.00	\$ 4,700.00
3.	SILT FENCE, MACHINE SLICED	600	LF	\$ 4.13	\$ 2,478.00	\$ 3.00	\$ 1,800.00	\$ 1.85	\$ 1,110.00	\$ 3.30	\$ 1,980.00
4.	CLEAR AND GRUB TREE	6	EA	\$ 750.00	\$ 4,500.00	\$ 556.00	\$ 3,336.00	\$ 300.00	\$ 1,800.00	\$ 385.00	\$ 2,310.00
5.	DITCH CHECK	10	EA	\$ 104.50	\$ 1,045.00	\$ 195.00	\$ 1,950.00	\$ 150.00	\$ 1,500.00	\$ 65.00	\$ 650.00
	DIVISION 2 - WATERMAIN										
6.	CONNECT TO EXISTING 8" WATERMAIN	1	EA	\$ 7,483.75	\$ 7,483.75	\$ 4,000.00	\$ 4,000.00	\$ 2,738.56	\$ 2,738.56	\$ 2,950.00	\$ 2,950.00
7.	CONNECT TO EXISTING 16" WATERMAIN	2	EA	\$ 13,187.61	\$ 26,375.22	\$ 5,000.00	\$ 10,000.00	\$ 4,628.50	\$ 9,257.00	\$ 3,500.00	\$ 7,000.00
8.	HYDRANT	11	EA	\$ 4,431.40	\$ 48,745.40	\$ 4,750.00	\$ 52,250.00	\$ 4,224.01	\$ 46,464.11	\$ 7,000.00	\$ 77,000.00
9.	HYDRANT EXTENSION	6	LF	\$ 1,628.80	\$ 9,772.80	\$ 750.00	\$ 4,500.00	\$ 630.81	\$ 3,784.86	\$ 1,250.00	\$ 7,500.00
10.	6" GATE VALVE AND BOX	10	EA	\$ 2,476.08	\$ 24,760.80	\$ 1,500.00	\$ 15,000.00	\$ 2,126.45	\$ 21,264.50	\$ 2,850.00	\$ 28,500.00
11.	8" GATE VALVE AND BOX	3	EA	\$ 2,920.05	\$ 8,760.15	\$ 2,000.00	\$ 6,000.00	\$ 2,697.65	\$ 8,092.95	\$ 4,450.00	\$ 13,350.00
12.	12" GATE VALVE AND BOX	2	EA	\$ 4,117.60	\$ 8,235.20	\$ 3,400.00	\$ 6,800.00	\$ 3,650.54	\$ 7,301.08	\$ 6,400.00	\$ 12,800.00
13.	16" BUTTERFLY VALVE AND BOX	19	EA	\$ 10,711.98	\$ 203,527.62	\$ 3,986.00	\$ 75,734.00	\$ 3,651.97	\$ 69,387.43	\$ 7,900.00	\$ 150,100.00
14.	1" CORPORATION STOP WITH FUSIBLE SADDLE	3	EA	\$ 709.63	\$ 2,128.89	\$ 864.00	\$ 2,592.00	\$ 628.90	\$ 1,886.70	\$ 875.00	\$ 2,625.00
15.	1" CURB STOP AND CURB BOX	3	EA	\$ 775.20	\$ 2,325.60	\$ 275.00	\$ 825.00	\$ 695.75	\$ 2,087.25	\$ 760.00	\$ 2,280.00
16.	1" COPPER WATER SERVICE PIPE	100	LF	\$ 50.97	\$ 5,097.00	\$ 33.00	\$ 3,300.00	\$ 28.90	\$ 2,890.00	\$ 59.00	\$ 5,900.00
17.	6" DUCTILE IRON WATERMAIN PIPE, CLASS 52	75	LF	\$ 63.87	\$ 4,790.25	\$ 65.00	\$ 4,875.00	\$ 47.62	\$ 3,571.50	\$ 108.00	\$ 8,100.00
18.	8" DUCTILE IRON WATERMAIN PIPE, CLASS 52	96	LF	\$ 70.32	\$ 6,750.72	\$ 79.00	\$ 7,584.00	\$ 54.84	\$ 5,264.64	\$ 115.00	\$ 11,040.00
19.	12" DUCTILE IRON WATERMAIN PIPE, CLASS 52	28	LF	\$ 108.70	\$ 3,043.60	\$ 106.00	\$ 2,968.00	\$ 69.94	\$ 1,958.32	\$ 155.00	\$ 4,340.00
20.	16" DUCTILE IRON WATERMAIN PIPE, CLASS 52	25	LF	\$ 126.98	\$ 3,174.50	\$ 144.00	\$ 3,600.00	\$ 90.70	\$ 2,267.50	\$ 225.00	\$ 5,625.00
21.	16" HDPE DIPS DR11 WATERMAIN, DIRECTIONAL DRILL	11,015	LF	\$ 74.75	\$ 823,371.25	\$ 88.50	\$ 974,827.50	\$ 90.70	\$ 999,060.50	\$ 83.50	\$ 919,752.50
22.	DUCTILE IRON FITTINGS	5,810	LB	\$ 10.74	\$ 62,399.40	\$ 7.30	\$ 42,413.00	\$ 10.50	\$ 61,005.00	\$ 6.15	\$ 35,731.50
23.	HORIZONTAL DIRECTIONAL DRILLING BORE PITS	1	LS	\$ 49,462.20	\$ 49,462.20	\$ 114,000.00	\$ 114,000.00	\$ 55,000.00	\$ 55,000.00	\$ 140,000.00	\$ 140,000.00
24.	WATER SERVICE CONNECTION PITS	1	LS	\$ 7,000.00	\$ 7,000.00	\$ 33,500.00	\$ 33,500.00	\$ 8,650.00	\$ 8,650.00	\$ 13,250.00	\$ 13,250.00
25.	TRIVIEW TEST STATION MARKER	18	LS	\$ 156.02	\$ 2,808.36	\$ 62.00	\$ 1,116.00	\$ 57.01	\$ 1,026.18	\$ 40.00	\$ 720.00
	DIVISION 3 - STORM SEWER										
26.	SALVAGE CONCRETE PIPE CULVERT	60	LF	\$ 15.00	\$ 900.00	\$ 8.00	\$ 480.00	\$ 7.76	\$ 465.60	\$ 90.00	\$ 5,400.00
27.	INSTALL SALVAGED PIPE CULVERT	60	LF	\$ 31.11	\$ 1,866.60	\$ 32.00	\$ 1,920.00	\$ 27.93	\$ 1,675.80	\$ 115.00	\$ 6,900.00
	DIVISION 4 - STREETS CONSTRUCTION										
28.	SALVAGE AND REINSTALL MAILBOX	2	EA	\$ 165.00	\$ 330.00	\$ 100.00	\$ 200.00	\$ 150.00	\$ 300.00	\$ 250.00	\$ 500.00
29.	SALVAGE AND REINSTALL SIGN	13	EA	\$ 220.00	\$ 2,860.00	\$ 110.00	\$ 1,430.00	\$ 200.00	\$ 2,600.00	\$ 185.00	\$ 2,405.00
	TOTAL ESTIMATED CONSTRUCTION COST				\$ 1,411,737.31		\$ 1,474,100.50		\$ 1,475,535.63		\$ 1,518,409.00
	ALTERNATE A - FUSIBLE 14" PVC				\$ -						
30.	14" BUTTERFLY VALVE AND BOX	19	EA	\$ 9,795.00	\$ 186,105.00	\$ 3,130.00	\$ 59,470.00	\$ 3,206.74	\$ 60,928.06	\$ 7,200.00	\$ 136,800.00
31.	16" BUTTERFLY VALVE AND BOX (ADJUST)	-19	EA	\$ 10,711.98	\$ (203,527.62)	\$ 3,986.00	\$ (75,734.00)	\$ 3,651.97	\$ (69,387.43)	\$ 7,900.00	\$ (150,100.00)
32.	14" PVC DIPS DR18 WATERMAIN, DIRECTIONAL DRILL	11,015	LF	\$ 80.84	\$ 890,452.60	\$ 85.50	\$ 941,782.50	\$ 89.95	\$ 990,799.25	\$ 92.50	\$ 1,018,887.50
33.	16" HDPE DIPS DR11 WATERMAIN, DIRECTIONAL DRILL (ADJUST)	-11,015	LF	\$ 74.75	\$ (823,371.25)	\$ 88.50	\$ (974,827.50)	\$ 90.70	\$ (999,060.50)	\$ 83.50	\$ (919,752.50)
34.	DUCTILE IRON FITTINGS (ADJUST)	-516	LB	\$ 3.76	\$ (1,940.16)	\$ 12.50	\$ (6,450.00)	\$ 10.50	\$ (5,418.00)	\$ 4.25	\$ (2,193.00)
35.	ADDITIONAL MOBILIZATION AND TRAFFIC CONTROL	1	LS	\$ 7,000.00	\$ 7,000.00	\$ 1.00	\$ 1.00	\$ 2,200.00	\$ 2,200.00	\$ 2,750.00	\$ 2,750.00
36.	ADDITIONAL TURF RESTORATION	1	LS	\$ 22,000.00	\$ 22,000.00	\$ 5,700.00	\$ 5,700.00	\$ 1,250.00	\$ 1,250.00	\$ 5,200.00	\$ 5,200.00
37.	ADDITIONAL HORIZONTAL DIRECTIONAL DRILLING PITS	1	LS	\$ 31,500.00	\$ 31,500.00	\$ 1.00	\$ 1.00	\$ 5,000.00	\$ 5,000.00	\$ 24,500.00	\$ 24,500.00
	SUBTOTAL ALTERNATE A				\$ 108,218.57		\$ (50,057.00)		\$ (13,688.62)		\$ 116,092.00
TOTAL ESTIMATED CONSTRUCTION COST WITH ALTERNATE A					\$ 1,519,955.88		\$ 1,424,043.50		\$ 1,461,847.01		\$ 1,634,501.00

PROJECT SCHEDULE
CITY OF LAKE ELMO

FOCUS ENGINEERING, inc.

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

INWOOD TRUNK WATERMAIN IMPROVEMENTS
PROJECT NO. 2014.130

January 2016

August 6, 2013 Council orders preparation of a Feasibility Report.

December 3, 2013 Presentation of Feasibility Report. Council accepts Report and calls Hearing.

January 21, 2014 Public Improvement Hearing. Council Orders the Improvement for the Inwood Trunk Watermain Improvements and the preparation of Plans and Specifications.

April 15, 2014 Council approves Plans and Specifications and orders Advertisement for Bids at the direction of the City Administrator.

Project was delayed due to delay in receipt of MN-DEED Water System Grant. Per State Statute, contractor bids must be received for the project within one-year of ordering the improvement. Therefore a new Public Improvement Hearing must be held.

January 19, 2016 Council approves Plans and Specifications; orders Ad for Bids; and calls Hearing.

February 18, 2016 Receive Contractor Bids.

March 2, 2016 Public Improvement Hearing. Council Orders the Improvement for the Inwood Trunk Watermain Improvements. Council accepts bids and awards contract.

April 7, 2016 Conduct Pre-construction meeting and issue Notice to Proceed.

August 26, 2016 Substantial Completion (watermain online and operational).

September 30, 2016 Final Completion (punch list and final paperwork).