City of Joliet

150 West Jefferson Street
Joliet, IL 60432

Memo

File #: 28-23 **Agenda Date:**1/17/2023

TO: Mayor and City Council

FROM: James V. Capparelli, City Manager

SUBJECT:
Award of Contract for the St. Pat's Phase 1A Water Main Improvement Project to Austin Tyler Construction in the amount of $3,880,229.76

BACKGROUND:
On January 5, 2021, the Mayor and City Council approved Resolution 7613, committing to water conservation through the reduction of non-revenue water in order to comply with the allocation requirements of the Level of Lake Michigan Act, 615 ILCS 50, and the corresponding State regulations. A condition of the City's Lake Michigan water allocation permit is completion of the City's Non-Revenue Water Reduction Plan. A major component of this Plan is water main replacement. The water main replacement, estimated at approximately 3% per year, must be sufficient to achieve the reduction of non-revenue water from the City's water system to not more than 10 percent by the year 2030.

As part of this water main replacement plan, the St. Pat's Phase 1A Water Main Improvements Project was identified to be completed in 2023. This project consists of replacing approximately 8,300 linear feet of water main in various sizes on S. Willow Avenue (W. Marion Street to Morgan Street); Blackman Avenue (W. Washington Street to W. Marion Street); S. Hunter Avenue (W. Washington Street to Morgan Street; S. Seeser Avenue (W. Washington Street to W. Allen Street); S. Illinois Street (W. Allen Street to Darcy Avenue); W. Washington Street (S. Raynor Avenue to S. Hunter Avenue); Darcy Avenue (S. Hunter Avenue to S. Illinois Street); Helles Avenue (S. Willow Avenue to east end); W. Marion Street (S. Raynor Avenue to S. Seeser Street) and W. Allen Street (S. Hunter Avenue to S. Illinois Street).

Also included in the scope of this construction project is installation of sanitary sewer and lead water service replacements. There is currently no sanitary sewer along Marion St. from Hunter Ave to Seeser St. Construction of a sanitary sewer to serve the properties along this location is included in this project and will eliminate rear yard sewer lines that are costly for the City to maintain. Adding the sewer work into the water main project is in the best interest of the City so that the road does not have to be excavated twice and allows for the work to be completed most cost efficiently. An estimated quantity of lead water service replacements was also included in the project bid. If lead water services are encountered during the project, they will be replaced, and these costs will be charged to the Phase IV lead water service line replacement program for which the City has secured State Revolving Fund financing with 100% principal forgiveness.

Design drawings and bidding documents were prepared and the invitation to bid for the project was

advertised in the Joliet Herald-News on Monday, November 7, 2022. The Public Service Committee reviewed this memo at the January 3, 2023 meeting and recommended for approval by Full Council.

CONCLUSION:
On Monday, December 19, 2022, at 10:00 a.m. four (4) sealed bids were received for the St. Pat's Phase 1A Water Main Improvements Project. The bid summary is as follows:

CONTRACTOR	**BID AMOUNT**
Austin Tyler Construction Inc., Elwood, IL	$3,880,229.76
Benchmark Construction, Bartlett, IL, IL	$4,088,457.00
Construction by Camco Inc., Joliet, IL	$4,560,745.05
P.T. Ferro Construction Co., Joliet, IL	$4,962,599.00
Engineer's Estimate	$5,027,000.00

The low bid from Austin Tyler Construction Inc., in the amount of $3,880,229.76, is 22.81% below the engineer's estimate. Austin Tyler Construction Inc. has completed similar work for the City and completed this work to the City's satisfaction.

Funds will be charged to the Water Main Replacement Fund (Org 53880000, Object 557200, $2,678,707.76), Lead Phase IV Fund (Org 53680000, Object 557200, $948,227.00) and Sewer Collection Fund (Org 50180020, Object 557200, $253,295.00).

RECOMMENDATION:
Based on the above, it is recommended that the Mayor and City Council award the Contract for the St. Pat's Phase 1A Water Main Improvements Project, in the amount of $3,880,229.76, to Austin Tyler Construction Inc.