



Legislation Text

File #: 2021-0262, **Version:** 0

Title/Name/Summary

Silver Lake West Water Main Replacement Phase 1 and 82nd Avenue Lining - Bid

History

Silver Lake West subdivision was developed in phases starting in the late 1970's through the mid 1980's. The water mains were installed using cast iron pipes. Current industry standard is ductile iron pipe with a polyvinyl wrap. Over the 40+ years of service, the water mains have corroded on the exterior of the pipe and have caused numerous breaks. Public Works Staff is systematically replacing and/or lining these older cast iron pipes throughout the Village. The Silver Lake West subdivision area homes are also prime candidates for remodeling, building additions and upgrades which will require larger water service sizes. This area is best suited for water main replacement instead of lining, allowing the opportunity to increase pipe diameter to improve flow characteristics and upgrade water services.

The water main running from 143rd Street to Doorstep Lane along 82nd Avenue has had several water main breaks in recent history. Public Works Staff recommends lining this water main due to main deterioration. The water main has no service connections and is adequate size for lining. In this application, lining is the most cost effective method for reconditioning the pipe with minimal restoration.

Public Works published the Silver Lake West Water Main Replacement Phase 1 and 82nd Avenue lining request on BidNet Direct on June 23, 2021, and the ITB closed on July 7, 2021. There were eleven (11) vendors that were sent courtesy email notifications, 29 vendors viewed the documents, and 21 downloaded documents. Five (5) bids were received and Austin Tyler of Elwood, Illinois was selected as the lowest bidder at \$2,492,289.60. Joel Construction of Deerfield, Illinois was the second lowest bidder at \$2,832,772.00 and Trine Construction Company, of Joliet, Illinois was the third lowest bidder at \$2,779,541.90.

Christopher B. Burke Engineering, Ltd., of Rosemont, Illinois was approved by the Village Board on March 1, 2021, for engineering and construction oversight. The Village and Public Works Staff have worked with Christopher B. Burke Engineering on similar projects over the past 20 years with great success.

Due to timing of construction, this item will be reviewed by the Committee of the Whole and the Village Board of Trustees on the same night.

Financial Impact

Funds for this project are available in the FY 2021 Capital Budget Utility Water Fund Budget account 031-6002-470500.

Recommended Action/Motion

I move to recommend to the Village Board of Trustees to accept the bid from Austin Tyler of Elwood, Illinois not to exceed \$2,616,904.08 (\$2,492,289.60 plus \$124,614.48 contingency).

