



Legislation Text

File #: 20-004, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Approve the award of Cooperative Procurement 20-018, South Waterworks Scrubber, to Trane Commercial Systems and Services for an amount not to exceed \$133,638.14, plus a 5% contingency

DEPARTMENT: Water Utilities

SUBMITTED BY: Darrell Blenniss, Director

BOARD/COMMISSION REVIEW:

N/A

BACKGROUND:

As part of Bid 19-216, South Waterworks Improvements, the City contracted with Dahme Mechanical Industries in August 2019 to replace the chlorine equipment and associated piping at South Waterworks. After bids were opened, the City received notice of revised IEPA regulations requiring an emergency chlorine gas scrubber when the chlorine system at a site is improved.

Staff examined options to install the chlorine scrubber per the new IEPA requirements. The City's consultant who designed the project estimated an additional 10 weeks for the scrubber design with an estimated cost of \$20,000 for additional engineering and \$300,000 for construction.

The South Waterworks site is critical to provide adequate fire flow and pressure to the southeast portion of the City. The pumping equipment was experiencing significant deterioration and becoming unreliable. The construction contract was structured to have critical equipment replaced and the project completed prior to the summer season when there is traditionally high water demand. Additionally, the State of Illinois procurement code does not allow change orders to construction contracts that total 50 percent or more of the original contract cost. Therefore, Water Utilities staff decided to continue the South Waterworks Improvements project as originally designed and to complete the chlorine scrubber installation via a separate project.

DISCUSSION:

Staff identified an approved cooperative contract, US Communities Government Cooperative Contract 15-JLP-023 through Trane Commercial Systems, for the procurement of the work.

Water Utilities staff solicited the services of Trane Commercial Systems to provide a complete engineered installation of the emergency chlorine scrubber. Trane Commercial Systems has chlorine scrubber design and installation experience in other locations. Trane performed the engineering design of the scrubber system and provided signed and sealed documents to submit to IEPA as part of their cost. The cost provided by Trane for this work was significantly less than the consultant's

construction estimate and was in line with what the city expected to pay to install this equipment.

The work will begin following the award of the contract and shall be completed by December 31, 2020.

FISCAL IMPACT:

CIP #: WU007

Emergency chlorine scrubber installations are expensed to the infrastructure account listed below as part of the capital improvement program. A total of \$1,000,000 is budgeted for WU007 in 2020. The requested award is within budget.

Account Number	Fund Description	Total Budget Amount
41251500-551502	Water & Wastewater	\$23,395,000