

Legislation Text

File #: BILL NO. 20-29, **Version:** 1

An Ordinance awarding Bid No. 57831683-C, for the Cathodic Protection Program FY20 to Kantex Industries, Inc., in the amount of \$278,836.00 and authorizing the City Manager to execute an agreement for the same. (PWC 2/03/20)

Key Issues:

Ductile iron water mains were installed in the Winterset Park and Longview Farm areas during the 1990's and 1980's.

Due to corrosion of iron pipe, over forty water main breaks have occurred in the Winterset Park and Longview Farm areas since 2006.

To reduce the rate of corrosion and extend the service life of the water mains in selected areas of Winterset Park and Longview Farm, 395 high potential magnesium anodes will be installed with this project as part of a cathodic protection program.

Proposed City Council Motion:

FIRST MOTION: I move for a second reading of an Ordinance awarding Bid No. 57831683-C, for the Cathodic Protection Program FY20 to Kantex Industries, Inc., in the amount of \$278,836.00 and authorizing the City Manager to execute an agreement for the same.

SECOND MOTION: I move for adoption of an Ordinance awarding Bid No. 57831683-C, for the Cathodic Protection Program FY20 to Kantex Industries, Inc., in the amount of \$278,836.00 and authorizing the City Manager to execute an agreement for the same.

Background:

A Water Research Foundation published in 2018 titled, "Retrofit and Management of Metallic Pipe with Cathodic Protection" provides information and case studies from water utilities installing anodes on existing water mains. The Des Moines Water Works, Louisville Water Company and WaterOne in Johnson County Kansas install anodes to extend the service life of existing water mains. In 2019, a project to install 281, 32-pound magnesium anodes was completed in the Princeton Heights area. Data taken in the Princeton Heights area indicate the anodes are reducing the rate of corrosion on water mains as reported by other water utilities.

Impact/Analysis:

Funding Source	Current Project Budget	Direct Expense	Prior Encumbrances
This Request/Contract	Remaining Balance		
57831683-C	500,000.00	\$0.00	
\$0.00	\$278,836.00	\$221,160.00	

Other Information/Unique Characteristics:

Public Works Engineering issued Bid No. 57831683-C on December 13, 2019. The bid was advertised and potential

bidders were notified through QuestCDN, on the City website and in a broadcast e-mail to known contractors. A pre-bid conference was held on December 20, 2019. Three (3) responsive bids were received by the January 7, 2020 bid opening date. Kantex Industries, Inc., was determined to be the lowest and most responsible bidder by City Staff. Water Utilities staff reviewed the bids and recommend awarding the contract to Kantex Industries, Inc., in the amount of \$278,836.00.

Mark Schaufler, Director of Water Utilities

Staff recommends approval of an Ordinance awarding Bid No. 57831683-C, for the Cathodic Protection Program FY20 to Kantex Industries, Inc., in the amount of \$278,836.00 and authorizing the City Manager to execute an agreement for the same.

Committee Recommendation: The Public Works Committee voted unanimously 4-0 to recommend to City Council approval of an Ordinance awarding Bid No. 57831683-C, for the Cathodic Protection Program FY20 to Kantex Industries, Inc., in the amount of \$278,836.00 and authorizing the City Manager to execute an agreement for the same.