

Legislation Text

File #: BILL NO. 22-54, **Version:** 1

An Ordinance awarding the bid for Project No. 57831683-22 for the Cathodic Protection Program FY22 to DUST Pipeline Services Inc. in the amount of \$448,069.00 and authorizing the City Manager to execute an agreement for the same. (PWC 3/14/21)

Issue/Request:

An Ordinance awarding the bid for Project No. 57831683-22 for the Cathodic Protection Program FY22 to DUST Pipeline Services Inc. in the amount of \$448,069.00 and authorizing the City Manager to execute an agreement for the same.

Key Issues:

- Ductile iron water mains were installed in the Oak Hill and Summit Station areas from the 1970's to the 1990's.
- Due to corrosion of iron pipe, frequent water main breaks have occurred in these areas.
- To reduce the rate of corrosion and extend the service life of the water mains in these areas, 564 zinc anodes will be installed as part of this year's Cathodic Protection Program (hereinafter "Project No. 57831683-22").
- Water Utilities issued an advertisement for bids for the construction of Project No. 57831683-22 on January 31, 2022, in accordance with local policies and state statutes.
- DUST Pipeline Services Inc. (hereinafter "Contractor") was found to be the lowest and most responsive bidder by City staff.
- The City desires to enter into an agreement with the Contractor to construct Project No. 57831683-22.

Proposed City Council Motion:

FIRST MOTION: I move for a second reading of an Ordinance awarding the bid for Project No. 57831683-22 for the Cathodic Protection Program FY22 to DUST Pipeline Services Inc. in the amount of \$448,069.00 and authorizing the City Manager to execute an agreement for the same.

SECOND MOTION: I move for adoption of an Ordinance awarding the bid for Project No. 57831683-22 for the Cathodic Protection Program FY22 to DUST Pipeline Services Inc. in the amount of \$448,069.00 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:

Water Utilities advertised for bids for Project No. 57831683-22 on January 31, 2022. Potential bidders were notified through QuestCDN and on the City website. Three (3) responsive bids were received by the February 22, 2022, bid opening date. Public Works Engineering and Water Utilities staff reviewed the bids and DUST Pipeline Services Inc. was determined to be the lowest and most responsive bidder.

..Presenter

Jeff Thorn, Deputy Director of Water Utilities

Staff recommends approval