Legislation Details (With Text)

File #:	BILL NO. 19-251	**Name:**	
Type:	Ordinance	**Status:**	Passed
File created:	10/21/2019	**In control:**	City Council - Regular Session
On agenda:	11/19/2019	**Final action:**	11/19/2019
Title:	An Ordinance awarding Bid No. 42831583-C, for the Tudor Road Pump Station Odor Control Improvements, to Mega Industries Corp. in the amount of $881,390.00 and authorizing the City Manager to execute an agreement for the same. (PWC 11/04/19)		
Sponsors:	Water Utilities		
Indexes:			
Code sections:			
Attachments:	1. Ordinance, 2. Bid Worksheet, 3. Recommendation of Award, 4. Tudor Road Pump Station Odor Control		

Date	Ver.	Action By	Action	Result
11/19/2019	1	City Council - Regular Session	for second reading	Pass
11/19/2019	1	City Council - Regular Session	adopted and numbered	Pass
11/4/2019	1	Public Works Committee	recommended for approval	Pass

An Ordinance awarding Bid No. 42831583-C, for the Tudor Road Pump Station Odor Control Improvements, to Mega Industries Corp. in the amount of $881,390.00 and authorizing the City Manager to execute an agreement for the same. (PWC 11/04/19)

Issue/Request:

Approval of a construction project for 2 vortex inserts at the out fall locations of the Tudor Road Pump Station Force Main.

Key Issues:

- Lee's Summit operates the Tudor Road Pump Station, which handles the wastewater flows from the areas northeast of the railroad in downtown Lee's Summit to Colbern Road and the eastern city limit.
- This pump station handles flows from gravity lines and other pump stations in the basins and routinely sees flows that have an advanced sludge age. This creates an environment where sulfide development and release can occur leading to odor issues at the outfall locations.
- These issues has been reviewed and attempted to be addressed several times in the past with a variety of recommended technologies.

Currently the City is feeding iron salts in the form of Ferric Chloride at the pump station in order to manage the sulfide issue. This is expensive and a difficult process to manage.

- Failures in this system have continued to cause odor issues for the downstream customers.
- A recent study recommended the use of the Vortex Technology to add oxygen at the outfall locations.

- The City advertised and bid this project and received 4 bids.
- Mega Industries Corp. has been determined to be the lowest responsive and responsible bidder.

Background:

The Tudor road pump station is Lee's Summits largest wastewater pumping station capable of pumping 24 million gallons per day during wet weather. It was built in the early 1990's to serve the City's eastern watersheds and continues to operate today. The growth in the area that this station serves has created long detention times for the waste it conveys. These increased detention times leads to the breakdown of the waste and to the creation anaerobic conditions that allow for the formation of deleterious substances such a sulfides that may release noxious fumes and can damage the structures which convey them. The addition of oxygen to the wastewater prevents the anaerobic conditions that allow for the formation of the sulfides in the waste stream.

Proposed City Council Motion:

FIRST MOTION: I move for a second reading of an Ordinance awarding Bid No. 42831583-C, for the Tudor Road Pump Station Odor Control Improvements, to Mega Industries Corp. in the amount of $881,390.00 and authorizing the City Manager to execute an agreement for the same.

SECOND MOTION: I move for adoption of an Ordinance awarding Bid No. 42831583-C, for the Tudor Road Pump Station Odor Control Improvements, to Mega Industries Corp. in the amount of $881,390.00 and authorizing the City Manager to execute an agreement for the same.

Mark Schaufler, Director of Water Utilities

Recommendation: Staff recommends approval of an Ordinance awarding Bid No. 42831583-C, for the Tudor Road Pump Station Odor Control Improvements, to Mega Industries Corp. in the amount of $881,390.00 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. 42831583-C, for the Tudor Road Pump Station Odor Control Improvements, to Mega Industries Corp. in the amount of $881,390.00 and authorizing the City Manager to execute an agreement for the same.

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