

CITY OF JOPLIN COUNCIL AGENDA ITEM

ITEM

Council Bill 2022-156

Construction agreement between the City of Joplin and Goins Construction, Inc. and containing an emergency clause.

MEETING DATE

November 7, 2022

ORIGINATING DEPT

Public Works - Operations

ATTACHMENTS

CB 2022-156 Ordinance; Agreement between the City of Joplin and Goins Construction, Inc.; Bid Summary; Letter of Recommendation from AMA

REVIEWED BY

Director of Public Works – Daniel Johnson, Director of Finance – Leslie Haase, City Attorney – Peter C. Edwards, Assistant City Manager – Tony Robyn, City Manager – Nicholas Edwards

SUMMARY

This Council Bill approves an agreement with Goins Construction, Inc., for the rehabilitation of the Turkey Creek WWTF Oxidation Ditch in the not to exceed amount of Four Hundred Fifty-Four Thousand Two Hundred and No/100 Dollars (\$454,200.00)

BACKGROUND

The Turkey Creek Wastewater Treatment Facility was originally built in 1985 and has undergone major improvements over the years. Council approved CB 2022-126 authorizing AMA to complete the design for the South Sludge Thickener, Septage Receiving, and Oxidation Ditch Rotors. The Oxidation Ditch rotors were installed as part of a plant expansion in 1996. This equipment has exceeded its 20-year design life and has deteriorated to an unreliable condition. This project replaces one of the rotors that has ceased to operate and also another that's proficiency level decreased.

Oxidation Ditch Rotors:

The oxidation ditch provides biological treatment of the wastewater. The oxidation ditch brush rotors introduce air and thereby dissolved oxygen into the water. Dissolved oxygen in the water is required to support the bugs that eat the solids and treat the wastewater. Some of the aging rotors have quit working and are not able to be repaired. Replacing 2 of the 12 rotors with a single blower and retrievable diffusers will introduce air into the water in a more efficient manner while providing plant personnel an opportunity to work with this type of equipment. If the equipment proves reliable and efficient as anticipated, it could be used to replace the rest of the aging brush rotors in the oxidation ditches.

FUNDING SOURCE

Sanitary Sewer Fund.

RECOMMENDATION

Staff recommends adoption of this Council Bill, approving construction agreement on an emergency basis due to public health concerns associated with sanitary sewer overflows, and equipment replacement, being an ordinance relating to a public improvement, it is an emergency within the meaning of Section 2.12(6) of the HOME RULE CHARTER of the City of Joplin, Missouri and the Council hereby declares that this ordinance shall be in full force and effect from and after its passage.