

**CITY OF JOPLIN
COUNCIL AGENDA ITEM**

ITEM

Council Bill 2019-152

Construction Agreement for the Twin Equalization Basin Improvements project

MEETING DATE

October 7, 2019

ORIGINATING DEPT

Public Works - Engineering

REVIEWED BY

Director of Public Works – David Hertzberg, Director of Finance – Leslie Haase, City Attorney – Peter C. Edwards, Interim City Manager – Dan Pekarek

SUMMARY

This Council Bill approves a Construction Agreement with G & G Construction, Inc. for the Twin Equalization Basin Improvements project in the not to exceed amount of Five Hundred Seventeen Thousand Twenty-five and no/100 (\$517,025.00).

BACKGROUND

Built at the site of the original Shoal Creek wastewater treatment plant, the function of the twin equalization basins is to provide offline storage of excessive flows during heavy rainfall. Even in dry conditions, flows from all the sanitary sewer mains in this vicinity pass through flow-diversion structures prior to flowing downhill to the Tin Cup lift station. High flows generated from intense storm events are to be diverted to the basins, to reduce the pumping demands on the Tin Cup lift station. Exposure to sewage liquids and gases over the last 30 years, however, have resulted in extensive corrosion of the flow diversion gates. In recent months, the diversion structures have become completely inoperable, leaving the treatment plant operators without the ability to properly manage peak flows. This project, then, will replace the corroded gates and equipment, and restore the functionality of the twin equalization basins. Additional improvements include remote operational capability via the installation of new Supervisory Control and Data Acquisition (SCADA) equipment, and better vehicular access to the basins during wet weather.

On January 16, 2018, Council approved a Work Authorization with Olsson to prepare bid documents for the Twin Equalization Basin Improvements project. City staff, accompanied by Olsson, informed local residents of the proposed improvements during a public meeting, held on April 8, 2019. In response to their concerns, City staff will maintain water in the basins, except ahead of predicted heavy rainfall, at which times the basins will be drained to allow for more off-line storage of stormwater from the surrounding sanitary sewers. The project was advertised on August 25, 2019, and bids were opened on September 24, 2019, in accordance with the City of Joplin's procurement policies. G & G Construction, Inc. was the sole bidder. Their bid was within ten percent of the Engineer's estimate. There will be a preconstruction open house for the neighbors.

FUNDING SOURCE

The Wastewater fund.

RECOMMENDATION

Staff recommends approval of this Council Bill on an Emergency basis; being an ordinance relating to a public improvement 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.

ATTACHMENTS

CB2019-152 Ordinance; Agreement; Bid Tabulation; Map