

Requested Council Meeting Date: July 2, 2018
Council Bill No. 2018-127

Item: Construction Agreement with G&G Construction Company Inc., for the Replacement and Installation of two Screw Pumps at the Turkey Creek Wastewater Treatment Plant.

Originating Department: Public Works – Operations

Attachments: 1) Construction Agreement with G&G Construction Company Inc.
2) Bid Tab
3) Council Bill No. 2018-127

Department Head: David Hertzberg
Finance Department: Leslie Haase
City Attorney: Peter C. Edwards
City Manager: Samuel L. Anselm

Recommended Action: Approval of a Construction Agreement with G&G Construction Company Inc., in the not to exceed amount of \$965,120.00 for construction services associated with the replacement of two Screw Pumps at the Turkey Creek Wastewater Treatment Facility.

Background: One of the first parts of the treatment process at the Turkey Creek Wastewater Treatment Plant are the Screw Pumps. They pump the raw sewage up to the next level to the grit chambers. Each one of the Screw Pumps is rated to pump 14 million gallons a day (MGD), but because of their age and use they have lost about 35 to 50 percent of their efficiency. The plant currently has two Screw Pumps and two submersible pumps located at the head-works. The life expectancy of this type of equipment is about 10-15 years, both of these were originally installed in 1985 and replaced in 2001; this type of equipment has to be periodically replaced to ensure proper wastewater treatment.

Additionally, there are two boilers at the plant, one in each of the anaerobic digesters. One was installed when the plant opened in 1985, while the second one was installed in 1997 in the newly constructed anaerobic digester. The boiler that was installed in 1985 needs to be replaced.

Discussion: City Staff followed the City of Joplin procurement policy. Prices came in under the Engineer estimates. G&G Construction Company, Inc. was the low bidder for the “Total Base Bid Amount.” Their Bid was \$591,120. City staff was waiting on the total base bid amount to

see if the amount was reasonable and to see if sufficient funding was available to include the add alternate bid of \$374,000 that included the second Screw Pump. The scope of project will include the installation of two new screw pumps and a boiler for the anaerobic digester. This work will be funded from the Sanitary Sewer Fund that was approved in the FY 2017-2018 Budget.

Recommendation: City staff recommends approval of a construction agreement with G&G Construction Company Inc., for the not to exceed amount of \$965,120.00 for construction services associated with the replacement of two Screw Pumps at the Turkey Creek Wastewater Treatment Facility be approved on an emergency basis per Section 2.12 (6) of the Joplin City Charter.