City of **JOPLIN** City Council Agenda Item

Requested Council Meeting Date: October 1, 2018
Council Bill No. 2018-144

Item: Approval of a construction agreement with Crews Construction Inc., for Installation and Construction of two Grit Augers and Troughs at the Shoal Creek Wastewater Treatment Plant.

Originating Department: Public Works – Operations

Attachments: 1) Council Bill No. 2018-144
2) Agreement with Crews Construction
3) Bid tabulation

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 Crews Construction Inc., in the not to exceed amount of $117,000.00 for installation and construction of two grit augers and troughs at the Shoal Creek Wastewater Treatment Facility.

Background: Part of the treatment processes at the Shoal Creek Wastewater Treatment Plant are the Grit Augers. They separate the grit from the water and it settles into clarifiers and into troughs. This waste is disposed at landfills. This is one of first procedures during the treatment process. The plant currently has two Grit Augers that have rusted troughs. The life expectancy of this type of equipment is normally 10 years; and must be periodically replaced to ensure proper wastewater treatment and removal of inorganic grit. One Auger was replaced seven years ago, while the trough of the other one was replaced six years ago. Corrosive sewage has deteriorated both of these sooner than anticipated.

Discussion: This project was advertised per city procurement procedures, staff received two qualified bids. Crews Construction Inc., was the lowest bidder and selected to provide the installation of the two Grit Augers and troughs, to accomplish this replacement and maintenance project. This bid was within the Engineer estimate. The scope of work will include the removal of two of the grit augers and troughs before they start the installation of the new equipment.

Recommendation: City staff recommends approval of the agreement with Crews Construction Inc., for the not to exceed amount of $117,000.00 for installation and construction services for the grit augers at the Shoal Creek Wastewater Treatment Facility be approved on an emergency basis per Section 2.12 (6) of the Joplin City Charter.