City of **JOPLIN** City Council Agenda Item

Requested Council Meeting Date: January 17, 2017
Council Bill No. 2017-101

Item: Work Authorization with Allgeier, Martin & Associates Inc., for Engineering Services Associated with Rehabilitation and Maintenance of the Turkey Creek Treatment Plant Digesters.

Originating Department: Public Works – Operations

Attachments: 1) Work Authorization (OC-002)
2) Council Bill No. 2017-101
3) Attachments 1 & 2

Department Head: Nicholas A. Heatherly
Finance Department: Leslie Haase
City Attorney: Peter C. Edwards
City Manager: Samuel L. Anselm

Recommended Action: Approval of a Work Authorization with Allgeier, Martin & Associates Inc. in the not to exceed amount of $68,923.00 for engineering services associated with the Digester Rehabilitation and Maintenance Project at the Turkey Creek Wastewater Treatment Facility.

Background: Part of the treatment process at the Turkey Creek Wastewater Treatment Plant are the anaerobic digesters. These are large covered tanks that are full of wastewater and by way of starving the wastewater of oxygen methane gas is produced and is used to mix the contents of the tanks, provides fuel for the boiler system to heat several of the WWTP buildings and any excess gas is then burned off. The equipment has to periodically be refurbished or replaced to ensure proper treatment of the wastewater. The firm of Allgeier, Martin & Associates has been selected to provide the professional engineering services needed to accomplish this maintenance project. This work will be funded from the Sanitary Sewer Fund and was included in the approved FY 2016-2017 Budget.

Discussion: The scope of work will include the preparation of design documents that will provide for the cleaning and refurbishment of the two (2) south anaerobic digester tanks and covers, replacement of the north anaerobic digester waster gas burner and replacement of four

(4) sludge gas flowmeters. The consultant shall also produce all required bid documents and provide all construction related services such as shop drawing review and approvals, resident project representation services and review of all wage rate and pay request submittals.

Recommendation: City staff recommends approval of Work Authorization with Allgeier Martin & Associates Inc. for the not to exceed amount of $68,923.00 for engineering services associated with Rehabilitation and Maintenance of Digesters at the Turkey Creek Wastewater Treatment Facility be approved on an emergency basis per Section 2.12 (6) of the Joplin City Charter.