

Requested Council Meeting Date: February 21, 2017
Council Bill No. 2017-111

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-003)
2) Council Bill No. 2017-111

Section Head:	Lynden Lawson
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 \$45,424.00 for engineering design and bidding services associated with the Trickling Filter at the Shoal Creek Wastewater Treatment Facility.

Background: Part of the treatment process at the Shoal Creek Wastewater Treatment Plant are the Trickling Filters. These are large uncovered towers that utilize media to remove solids and Bio-Chemical Oxygen Demand (BOD) during the treatment process. The media collapsed in the north Trickling filter tower after being in service since 1985. The plant currently has the south Trickling Filter tower in use that had media replaced in 1997. The life expectancy of this type of equipment is 20 -30 years; this type of equipment/media has to be periodically replaced to ensure proper wastewater treatment and removal of solids and BOD.

Discussion: The firm of Allgeier, Martin & Associates has been selected to provide the professional engineering services needed to accomplish this emergency maintenance project. The scope of work will include the preparation of design and bidding documents that will provide for the replacement of the media for the north tower. This work will be funded from the Sanitary Sewer Fund by moving money from another project that was approved FY 2016-2017 Budget.

Recommendation: City staff recommends approval of Work Authorization with Allgeier Martin & Associates Inc. for the not to exceed amount of \$45,424.00 for engineering services associated with Design and Bidding Services for the Trickling Filter at the Shoal Creek Wastewater Treatment Facility be approved on an emergency basis per Section 2.12 (6) of the Joplin City Charter.