CITY OF JOPLIN
COUNCIL AGENDA ITEM

ITEM
Council Bill 2019-121
Allgeier, Martin and Associates, Inc. Engineering Services Agreement for Turkey Creek WWTP Tertiary Filter Replacement

MEETING DATE
April 15, 2019

ORIGINATING DEPARTMENT
Public Works - Operations

REVIEWED BY
Director of Public Works -David Hertzberg; Director of Finance - Leslie Haase; City Attorney - Peter Edwards; Interim City Manager - Daniel Pekarek

ATTACHMENTS
Council Bill No. 2019-121; Agreement from Allgeier, Martin and Associates, Inc.

SUMMARY
This Council Bill Authorizing the approval of an agreement with Allgeier, Martin and Associates, Inc., in the amount not to exceed One Hundred Eighty-Eight Thousand Four Hundred Forty and No/100 Dollars ($188,440.00) for Engineering Services to replace/upgrade a tertiary filter at Turkey Creek Waste Water Treatment Plant.

BACKGROUND
On December 1st, 2014, Council approved the same consultant to design the tertiary filters installation and then approved in Council Bill 2015-137 on July 6, 2015 for the contractor to construct and install the new filter media to replace/upgrade the sand filters for two of the four troughs in FY-2016. By installing both new filters, this increased the effluent flow for the plant by 10 MGD. Working with our Engineering Consultant, we have re-evaluated the issues that remain in this process and the recommended solution is to remove at least one more sand filter trough and install an additional diamond fabric filter that has the capacity to handle a higher peak flow and provide staff with redundancy during maintenance. Although under extreme high flow conditions we still anticipate having to recirculate some of the flow. This improvement should substantially reduce these occurrences.

DISCUSSION
City staff has chosen Allgeier Martin and Associates using the On-Call selection process and have reviewed the fees for the services that will be provided, and found the fees are within the industry standards. City Council approved of the previous Diamond Fabric Filters and their value of increased flow through the effluent at the plant. The cost of this engineering work and the subsequent construction work will be paid through the Wastewater Fund.

FUNDING SOURCE
Wastewater Fund

RECOMMENDATION

City staff recommends that an agreement with Allgeier, Martin and Associates, Inc. for Engineering Services in the amount of $188,440.00 be approved on an emergency basis per Section 2.12 (6) of the Joplin City Charter for Public Improvement.