City of **JOPLIN** City Council Agenda Item

Requested Council Meeting Date: February 6, 2017
Council Bill No. 2017-108

Item: Agreement for Professional Services and Work Authorization AMA-I&I RP-001 with Allgeier, Martin & Associates Inc., for Professional Engineering Consulting Services for the I & I Reduction Program.

Originating Department: Public Works – Engineering

Attachments: 1) Agreement with Consultant
2) Work Authorization
3) Council Bill No. 2017-108

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

Recommended Action: Approval of Agreement for Professional Services and Work Authorization AMA-I&I RP-001 with Allgeier, Martin & Associates Inc. in the not to exceed amount of $526,542.00 for Professional Engineering Consulting Services for the I & I Reduction Program.

Background: The City's Operating Permits for the Turkey Creek and Shoal Creek wastewater treatment plants require that the City locate and eliminate sources of inflow and infiltration into the collection system. This requirement is driven by the need to eliminate bypass flows (overflows into streams prior to treatment) at both treatment plants, which is a violation of both state and federal law. Since 2012, the City of Joplin has been engaged in various activities focused on eliminating bypass flows. In October of 2016, the City published a Request for Qualifications (RFQ), in accordance with the City's procurement policy, for a consultant to develop a targeted program aimed at eliminating unpermitted discharges within the City's wastewater collection and treatment system. Of the three consulting teams that responded, the team of Allgeier, Martin & Associates (AMA), Burns & McDonnell, and TREKK Design Group was selected to provide professional engineering services for this task.

Discussion: The RFQ was based on the City's 10-year Bypass Elimination Plan, which was part of the City's Peak Flow Voluntary Compliance Agreement with MDNR. From this single RFQ, there exists the potential for multiple Work Authorizations with AMA until the end of the Bypass Elimination Plan in 2022. The first Work Authorization directs AMA to perform a City-wide flow monitoring study within the sanitary sewer collection system. This study will establish a baseline of dry- and wet-weather flows within numerous major basins, as well within two "pilot areas" in which smoke testing has been done. Further Work Authorizations will be needed to continue the comprehensive study of the most affordable and effective solutions toward removing I & I from within the collection system, as envisioned by the RFQ.

Recommendation: City staff recommends that Council approve a contract and the first Work Authorization with AMA, and that approval of Work Authorization AMA-I&I RP-001 with Allgeier Martin & Associates Inc., in the not to exceed amount of $526,542.00 for Professional Engineering Consulting Services for the I & I Reduction Program project, be approved on an emergency basis per Section 2.12 (6) of the Joplin City Charter.