City of **JOPLIN** City Council Agenda Item

Requested Council Meeting Date: March 20, 2017
Council Bill No. 2017-123

Item: Work Authorization with Burns & McDonnell Engineering Co, Inc., for Professional Engineering Consulting Services for NPDES Permit Renewal Support.

Originating Department: Public Works – Engineering

Attachments: 1) Work Authorization No. BMC-OC-001
2) Council Bill No. 2017-123

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 Burns & McDonnell Engineering Co, Inc. in the not to exceed amount of $30,000.00 for Professional Engineering Consulting Services for NPDES Permit Renewal Support.

Background: For the City's two wastewater treatment plants (WWTPs), the Missouri Department of Natural Resources (MDNR) issues Operating Permits, in which are established concentration limits for contaminates in the treated waters that are discharged into their respective receiving streams. In the case of the Turkey Creek WWTP, the limits on certain metals have become the focus of concern for the City and for MDNR. Until 2010, the WWTP performed admirably by remaining in substantial compliance with our permit. In 2010 MDNR lowered the discharge limits substantially. Since then, the plant has had difficulty meeting the significantly stricter concentration limits set forth in the Operating Permit. Now that the Turkey Creek WWTP's Operating Permit is up for renewal, City staff seeks revised concentration levels of metals which are more reasonable and affordable to the City's sewer users. To that end, City staff seeks the technical expertise of a team of consultants who can successfully negotiate with MDNR to establish limits of metal contaminants which account for the natural contaminant levels found in Turkey Creek.

In accordance with the City's procurement policy, the City advertised for on-call consulting services in nine categories, including Sanitation Engineering Services. Of the fourteen firms that expressed interest in providing these services, six firms were selected for on-call consulting services using the qualifications based selection method, as required by state statute. Of those selected firms, Burns and McDonnell Engineering Co, Inc. was selected to provide professional engineering services for this initial phase of negotiations with MDNR.

Discussion: This Work Authorization directs Burns and McDonnell to research the issues surrounding the discharge limits for the Turkey Creek WWTP, to advise the City on the correct approach and to attend any initial meetings with the leadership of MDNR. Staff envisions subsequent work authorizations for negotiating with the State.

Recommendation: City staff recommends that approval of a Work Authorization with Burns & McDonnell Engineering Co, Inc. for the not to exceed amount of $30,000.00 for Professional Engineering Consulting Services for NPDES Permit Renewal Support be approved on an emergency basis per Section 2.12 (6) of the Joplin City Charter.