

**CITY OF JOPLIN  
COUNCIL AGENDA ITEM**

**ITEM**

Council Bill 2020-135 Work Authorization for Professional Engineering Consultation services associated with the Turkey Creek Wastewater Treatment Facility UV Disinfection Equipment 2020.

**MEETING DATE**

May 18, 2020

**ORIGINATING DEPT**

Public Works/ Operations

**ATTACHMENTS**

Photo; CB 2020-135 Ordinance; Work Authorization AMA-0C20-012

**REVIEWED BY**

Director of Public Works – David Hertzberg, Director of Finance – Leslie Haase, City Attorney – Peter C. Edwards, City Manager – Nicholas Edwards

**SUMMARY**

This Council Bill approves a work authorization with Allgeier, Martin and Associates, Inc. (AMA), for the Professional Engineering Consultation services associated with the Turkey Creek Wastewater Treatment Facility UV Disinfection Equipment 2020 in the not to exceed amount of Eighty Thousand and 00/100 Dollars (\$80,000.00)

**BACKGROUND**

The Ultraviolet (UV) Disinfection building was placed in service in 2011 at the Turkey Creek Wastewater Treatment Facility. The UV system provides for disinfection of the plant effluent prior to discharge to Turkey Creek. The maximum allowable flow through the UV disinfection system is currently 24 million gallons per day (MGD). Additional hydraulic capacity is needed to reduce the frequency of sanitary sewer overflows (SSOs) and plant bypasses. Planned improvements to the UV disinfection facilities will increase the treatment capacity of the UV system by nearly fifty percent, to 35-MGD. The project will include the design of additional channels and piping and associated UV disinfection equipment. AMA was selected as the most qualified on-call consultant because of their involvement with the Shoal Creek Plant Expansion and the Wastewater Facilities Plan.

**FUNDING SOURCE**

These payments are included in the FY 2019-20 budget of the Sanitary Sewer Fund.

**RECOMMENDATION**

Staff recommends adoption of this Council Bill, approving a work authorization on an Emergency basis due to public health concerns associated with sanitary sewer overflows, and so that this project can be “shovel ready” if federal stimulus funds become available; furthermore, being an ordinance relating to a public improvement, it is an emergency within the meaning of Section 2.12(6) of the HOME RULE CHARTER of the City of Joplin, Missouri and the Council hereby declares that this ordinance shall be in full force and effect from and after its passage.