

CITY OF JOPLIN COUNCIL AGENDA ITEM

ITEM

Council Bill 2021-105 – authorizing the acceptance of an amendment of AMA-OC20-012 to the existing work authorization agreement by and between the City of Joplin and Allgeier, Martin and Associates Inc. (AMA) for Professional Engineering Consulting Services for Turkey Creek Wastewater Treatment Facility (WWTF) UV Improvements; and containing an emergency clause.

MEETING DATE

January 19, 2021

ORIGINATING DEPT

Public Works - Operations

ATTACHMENTS

CB2021-105 Ordinance; Amendment Agreement;

REVIEWED BY

Director of Public Works: David Hertzberg; Director of Finance: Leslie Haase; City Attorney: Peter Edwards; City Manager: Nicholas Edwards

SUMMARY

This Council Bill is an amendment to Work Authorization AMA-OC20-012 by and between the City of Joplin and Allgeier, Martin and Associates, Inc., for professional engineering consulting services not to exceed the amount of Forty-eight Thousand and no/100 Dollars (\$48,000.00) for Turkey Creek WWTF UV improvements.

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 and construction of additional channels and piping and associated UV disinfection equipment. This is an amendment to CB 2020-135 to get the construction started. This project once completed will improve upon the amount of water discharged from the WWTF and mitigate bypasses at the plant. 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. This amendment is to begin the bid process for construction and implementation.

FUNDING SOURCE

Wastewater

RECOMMENDATION

Staff recommends adoption of this Council Bill on an Emergency basis due to public health concerns associated with sanitary sewer overflows, being an Ordinance dealing with public improvement, 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.