

**CITY OF JOPLIN COUNCIL
AGENDA ITEM**

ITEM

Council Bill 2022-106 – authorizing the acceptance of a work authorization by and between the City of Joplin and Allgeier, Martin and Associates Inc. for engineering consulting services for Shoal Creek Wastewater Treatment Facility (WWTF) Centrifuge and Boiler.

MEETING DATE

February 22, 2022

ORIGINATING DEPT

Public Works - Operations

ATTACHMENTS

CB2020-106 Ordinance; Agreement and Work Authorization

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 a work authorization by and between the City of Joplin and Allgeier, Martin and Associates, Inc., for engineering consulting services not to exceed the amount of Two Hundred Ninety-Three Thousand and no/100 Dollars (\$293,000.00) for Shoal Creek WWTF Centrifuge and Boiler.

BACKGROUND

During the budget process, staff decided to replace the boiler at Shoal Creek because it is 30 years old and is outdated. Staff has provided maintenance on this boiler for the past several years and switched out tubing and Morrison plate (separates water from firing tubes). However, the boiler should be replaced as it is not functioning to full performance.

Staff has toured some plants which use the Centrifuge and this would perform the sludge drying stage more efficient than the belt thickener that is currently being used now at Shoal Creek. This will make it easier for crews to remove dry sludge and place it into the drying beds.

Allgeier Martin and Associates was chosen from the On-call Engineering list.

FUNDING SOURCE

Wastewater

RECOMMENDATION

Staff recommends approval of this Council Bill on 1st Reading.