

**CITY OF JOPLIN  
COUNCIL AGENDA ITEM**

**ITEM**

Council Bill 2021-140  
Change Order No. 1 for the Turkey Creek WWTF Generator Replacement 2021 project

**MEETING DATE**

June 21, 2021

**ORIGINATING DEPT**

Public Works

**ATTACHMENTS**

CB 2021-140 Ordinance; Change Order No. 1

**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 change order with Joplin Industrial Electric Co. Inc. for the Turkey Creek WWTF Generator Replacement project in the amount of One Hundred Twelve Thousand Three Hundred Thirty-Six and 15/100 Dollars, (\$112,336.15)

**BACKGROUND**

On March 1, 2021, Council approved a \$300,610.00 construction contract with Joplin Industrial Electric Co. for the Turkey Creek WWTF [Wastewater Treatment Facility] Generator Replacement 2021 project. During a storm the WWTF lost power, when staff tried to use the switch to transfer power to the back-up, it failed. The transformer on the redundancy line had failed. After Liberty Utilities replaced the faulty transformer, the existing Automatic Transfer Switches (ATSs) and wiring were tested and found to be inadequate. This change order addresses this issue. As part of this issue, Liberty Utilities Staff met with City Staff and devised a way to install a second source of power redundancy that will help with future storms and power outages at the Turkey Creek WWTF.

Without this equipment, the power supply to the WWTF cannot be switched from one grid power source to the other. This change order will add an additional layer of redundancy to the plant's power supply, which is especially critical during inclement weather.

The three major components of the change order are as follows: 1) replacement of the existing Automatic Transfer Switches (ATSs); 2) replacement of the wire from the new transformer to the switches; and, 3) a contract time extension of 45 days to complete the work.

**FUNDING SOURCE**

The Wastewater Treatment fund.

**RECOMMENDATION**

Staff recommends adoption of this Council Bill on an Emergency basis; being an ordinance dealing with ordering equipment, due to public health concerns associated with sanitary sewer overflows, and equipment replacement, 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