



Legislation Text

File #: 21-4384, **Version:** 1

Resolution - A Resolution Authorizing a Contract Modification to the Bud Ervin Water Treatment Plant (BEWTP) Control System Replacement Project with Plummer Associates Inc. for Control System Upgrades of 15 Lift Stations for an Amount not to Exceed \$88,445.00 (Utility Fund)

Consider the resolution authorizing funds in the amount of Eighty-Five Thousand and Eight Hundred and Twenty Dollars \$85,820.00 and approval of a contract with Plummer Associates Inc. for the Engineering Services related to Upgrades of 15 Wastewater Lift Stations.

Staff recommends approval

Plummer Associates Inc was selected by the City of Mansfield (City) to provide professional services for the Control System Replacement Project at the BEWTP. This project upgrades all the Supervisory Controls and Data Acquisition (SCADA) controls for the BEWTP and remote water assets. The proposed contract modification with Plummer will add 15 Wastewater Assets to this project.

The City currently contracts with a third-party system integrator to host the SCADA for our 15 lift stations. The City has experienced occasions where alarms are not being reported, and the existing controllers caused system failures.

Identified as a weakness from winter storm Uri was our reliance on a vendor for our wastewater lift station SCADA system. During the storm, we had to dedicate staff to these assets as our SCADA system experienced signal issues we could not diagnose or correct.

These upgrades will consolidate the City's water and wastewater software systems onto a single City hosted platform and allow operations staff to monitor and maintain around the clock at the BEWTP.

Utility Operations Fund

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