

Staff Report

Subject: Ratification of approval of Change Order #1 with United Maintenance for Contract 22-006 for the replacement of the boiler at the Effingham County Jail

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Department: ECSO/Jail/Facilities Maintenance

Meeting Date: February 21, 2023

Item Description: Change Order #1 with United Maintenance for Contract 22-006

Summary Recommendation: Staff recommends approval of Change Order #1 with United Maintenance for Contract 22-006 for additional parts/labor needed to complete the boiler replacement at the Effingham County Jail

Executive Summary/Background:

- While installing the new boiler at the Effingham County Jail, a couple of unexpected issues have come up:
 - The existing thermal expansion tank for the boiler system has failed. As the system heats the water the pressure increases causing stress on vessels, heat exchangers, piping, etc. The expansion tank absorbs this increase in pressure and is required to maintain warranty on the new equipment.
 - The main cold isolation valve to the boiler system has failed and we had numerous issues getting the water to isolate to the system.
- These issues had halted the replacement project and was keeping the Jail on a temporary feed from the Prison. In an effort to keep the replacement moving forward and avoid further delays, the County Manager approved the Change Order in the amount of \$7,986.00.

Alternatives for Commission to Consider

1. Ratification of approval of Change Order #1 with United Maintenance for Contract 22-006 for the replacement of the boiler at the Effingham County Jail
2. Take no action.

Recommended Alternative: 1

Other Alternatives: 2

Department Review: Finance, Facilities Maintenance, ECSO/Jail

Funding Source:

Attachments:

1. Change Order #1 from United Maintenance
2. Memo from Chatham Engineering, Engineer on the project
3. Agreement 22-006 with United Maintenance