



THE CITY OF KEY WEST

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EXECUTIVE SUMMARY

Date: October 17, 2022

To: Patti McLaughlin, City Manager

CC: Kelly Crowe, Utilities Director

From: Ian McDowell, Associate Engineer

Subject: Change order for the construction contract to Charley Toppino & Sons, Inc. for additional breakers for new switchgear at the Richard A. Heyman Environmental Protection Facility

Action Statement

Approve change order for the construction contract with Charley Toppino & Sons, Inc. in the amount of \$125,392.61 for the Richard A. Heyman Environmental Protection Facility (RAHEPF) aeration systems upgrades & electrical switchgear replacement. Authorize the City Manager to execute this agreement and any necessary budget transfers/amendments.

Background

In 2018, Black & Veatch was contracted as a consultant to provide an evaluation for the selection of a blower technology that would provide the most economical solution for the City, assessing both capital and maintenance costs. In 2019, Black & Veatch designed the aerations systems upgrade project to increase control, energy efficiency, and redundancy at the wastewater treatment plant (WWTP). It was determined that the main electrical switchgear would be at 95% capacity as a result of this project, in combination with other projects at the plant. Replacement of the electrical switchgear was planned for 2022 as presented in the capital plan, but the priority was re-assessed after evaluation of the impacts of various other projects. In 2020, Black & Veatch was contracted as a consultant to design replacement electrical switchgear at the WWTP and combine the bid documents and construction phase services with the aeration systems upgrade project.

Bid proposals in response to ITB 21-006 were opened June 23rd, 2021, and in on August of 2021, Charley Toppino & Sons, Inc. was awarded the construction contract for the RAHEPF aeration systems upgrades & electrical switchgear replacement in the amount of \$3,824,000.00.

Purpose and Justification

As part of the scope of work, the electrical sub-contractor for the project has worked through procuring the electrical switchgear equipment with manufacturer Eaton Corporation. During review of the equipment order and investigation of the existing equipment, it was found that four breakers were missing from the order that serve important loads at the facility. Upon further investigation, it was found that these breakers were missing from the construction drawings provided by Black & Veatch Corporation. Staff verified that the omission of these breakers was an error, and that the equipment is required for operations at RAHEPF. Staff will endeavor to hold Black & Veatch accountable to the extent of their omission. Approval of this change order would allow the contractor to revise the current equipment order to include the missing breakers.

Financial

Funds in the amount of \$125,392.61 will be used from account 401-3504-535-6500 to increase PO# P094500 (Project SE35042002) from \$2,612,100.00 to \$2,737,492.61.

Recommendation

Staff recommends approving the change order to the construction contract to Charley Toppino & Sons, Inc. in the amount of \$125,392.61 and authorizing the City Manager to execute this agreement and any necessary budget transfer/amendments.