




MEMORANDUM

Date: February 8, 2023

To: Honorable Mayor and Commissioners

Via: Albert P. Childress
City Manager 

From: Kelly Crowe, P.E.
Utilities Director

Subject: **24-5418- Approving Change Order 1 from Charley Toppino & Sons, Inc. in the amount of \$19,661.91 to cut and remove concrete access holes to accept hatches for inspection at the Richard A. Heyman Environmental Protection Facility (RAHEPF) Chlorine Contact Basin void areas.**

Introduction

Authorizing the City Manager to approve Change Order 1 from Charley Toppino & Sons, Inc. to hire ABC Concrete Cutting, Inc. to cut six access holes for access and inspection to two void areas along the contact basin at the Richard A. Heyman Environmental Protection Facility on Fleming Key in the amount of \$19,661.91 and approving any necessary budget transfers.

Background

The Richard A. Heyman Environmental Protection Facility (RAHEPF) was placed into service in 1988. The treatment facility is located on Fleming Key. All wastewater from the City of Key West is pumped to this facility for treatment and disposal. The facility uses drilled pilings for structural support and consists of several concrete buildings and concrete process structures. Over the years, plant personnel have identified structural areas that require rehabilitation or repair to concrete surfaces.

There currently are a series of concrete spalling areas, some that have visible leaks in the utilidor area, under and along the chlorine contact basin at RAHEPF. Staff tasked Perez Engineering to design plans for remedial repair. Based on those plans, staff requested a proposal from Charley Toppino and Sons, Inc. (CTS) to make the repairs under their General Utilities Services Contract. The task order approved with Resolution 23-286 includes cutting six access holes to accept permanent hatches in two void areas that run along either side of the contact basin. It is suspected that there is additional leaking and concrete damage within the voids but currently there is no access to inspect. CTS began cutting the concrete for

the hatches and found the concrete to be thicker than the eight inches called out in the plans. It is 9 ½” to 10” thick and CTS does not have the equipment necessary to penetrate the concrete and steel reinforcement of that thickness. They are proposing to hire a firm that specializes in cutting such concrete.

Once the concrete access points are accessible an inspection will be done to examine the void areas for concrete damage and leaks. A second change order may be necessary for additional repair withing the voids.

Procurement

Staff has reviewed the change order from Charley Toppino & Sons, Inc. and finds that the added amount of \$19,661.91 to cut and remove the additional concrete is reasonable. CTS is performing the work under the General Utilities Services Contract authorized by Resolution 21-125. Funds for Change Order 1 are available and will be used from account 401-3504-535-4600 Repairs and Maintenance.

Recommendation

The City Manager’s Office recommends that the Mayor and Commission approve the change order from Charley Toppino & Sons, Inc. in the amount of \$19,661.91 to hire ABC Concrete Cutting, Inc. to cut six access holes in the concrete void areas along the chlorine contact basin at the Richard A. Heyman Environmental Protection Facility and authorize the City Manager to execute any necessary documents upon consent of the City Attorney and execute any necessary budget transfers.

Attachments:

- A. Exhibit 1 Change Order 1 with supporting documentation
- B. Exhibit 2 Resolution 23-286