




MEMORANDUM

Date: June 6, 2024

To: Honorable Mayor and Commissioners

Via: Albert P. Childress
City Manager 

From: Matt Willman
Interim Utilities Director

Subject: **24- 5926. Restoration of the 8” (W-1) Potable Water Service Line at the Richard A Heyman Environmental Protection Facility**

Introduction

Authorizing the City Manager to approve the proposal from Charley Toppino & Sons, Inc. to replace and repair the 8” (W-1) potable water service line with necessary fittings and valve at the Richard A. Heyman Environmental Protection Facility in the amount of \$95,146.63 and authorize any necessary budget transfers upon the consent of the City Attorney.

Background

The City of Key West (CITY) has opted to replace the existing Belt Filter Press Dewatering system at the Richard A. Heyman Environmental Protection Facility. The process takes the waste sludge material and removes the water content to reduce the weight and volume of the dewatered cake being transported from the facility. This process improves efficiency and reduces transportation costs. It is important that at the end of each operating shift the belt be cleaned with high pressure wash water.

Black & Veatch Corporation is tasked with engineering and design services for the equipment replacement and upgrades to the existing belt press dewatering system which is quickly deteriorating. In past years, it was decided to switch from a (W-1) potable water to (W-3) treated water to wash down the belt press dewatering system. The W-3 water is high in salinity and has been determined to be the major cause of the system’s rapid disintegration.

Following the discontinued use, the existing 8” (W-1) potable service line was reduced to a 2” line because they were no longer using the 8” service to feed the entire facility as it was originally designed.

It has been recommended to restore the 8” potable water service to its original, designed state so the new belt press system will be washed down with clean, fresh water thereby extending its useful life.

Charley Toppino & Sons, Inc. was tasked to provide a proposal under the General Services Utilities & Infrastructure contract to make the repair and restore the 8” water service.

Procurement

Charley Toppino & Sons, Inc. will be performing the work to restore the 8” line under the General Services Utilities contract and will be funded through account 401-3504-535-6500 Construction in Progress/SE35042006 Solids Dewatering.

Recommendation

The City Manager’s Office recommends the Mayor and City Commission approve the proposal from Charley Toppino & Sons, Inc. to restore the 8-inch water service pipe at Richard A. Heyman Environmental Protection Facility in an amount not to exceed \$95,146.63 and authorize any necessary budget transfers.

Exhibits:

Exhibit A – Charley Toppino & Sons proposal.

Exhibit B – Resolution 21-125 General Utilities & Infrastructure Services

Exhibit C – Executed Contract

Exhibit D – Resolution 24-027 Black & Veatch Additional Design Services