**CITY OF FORT LAUDERDALE**
**City Commission Agenda Memo** **#24-0858**
**REGULAR MEETING**

**TO**: Honorable Mayor & Members of the Fort Lauderdale City Commission

**FROM**: Susan Grant, Acting City Manager

**DATE**: October 1, 2024

**TITLE**: Motion Approving Change Order No. 6 for PFAS Pilot Testing for the Prospect Lake Clean Water Center – Prospect Lake Water L.P. – $4,720,061 – **(Commission Districts 1, 2, 3, and 4)**

---

## Recommendation

Staff recommends the City Commission approve Change Order No. 6 with Prospect Lake Water L.P. (Project Company), PFAS Pilot Testing for the Prospect Lake Clean Water Center (PLCWC) in the amount of $4,720,061.

## Background

On February 7, 2023, the City Commission approved a Comprehensive Agreement (CA) with Project Company for the design, construction, and operation of the PLCWC to replace the Charles W. Fiveash Water Treatment Plant. (CAM #23-0196)

On March 14, 2023, the Environmental Protection Agency (EPA) released its proposed national drinking water standard (Standard) for per-and-polyfluoroalkyl substances (PFAS). In response, the City issued Change Order No. 1 to the Project Company, directing them to sample groundwater at the Prospect Wellfield for PFAS and prepare a preliminary engineering report with options for complying with the Standard. Sampling occurred at each of the 29 production wells with each well exceeding the proposed Standard. On April 10, 2024, the EPA published the final Standard for PFAS at the originally proposed levels with compliance required by April 2027.

The report outlines two (2) options for compliance. Alternative 1 involves adding additional PFAS treatment following the ion exchange process. Alternative 2 replaces ion exchange with nanofiltration to handle 100% of the treatment. A pilot study will be done to establish baseline PFAS removal for the current design and assess the effectiveness of additional downstream treatment. Upon completion of the pilot, the Project Company will submit a report to the City, detailing any necessary modifications to the existing plant design or operations.

Two (2) Purchase Orders (PO) have been issued for this project: PO 6189 and PO 6191. PO 6189 is for the Enabling Works and City Obligation projects to construct under the CA, and PO 6191 is for the construction of the water plant. Change Order No. 6 will add $4,720,061 to the project under PO 6189.

**Summary of Change Orders to date by Purchase Order:**

Purchase Order 6189

Change Order No. 1 added $371,644 to the project and for raw water testing at the Prospect Lake Wellfield for PFAS and develop options for meeting the PFAS standard.

Change Order No. 2 added $445,504 to the project for the construction of a temporary power infrastructure to supply power to the project site during construction.

Change Order No. 3 added $1,336,774 for additional and larger equipment to meet the water quality standards as recommended in the OCCT Study which was required as part of the Florida Department of Environmental Protection permit for constructing the PLCWC.

(Pending) Change Order No. 4 added $3,275,339 for construction of the 54-inch feedstock watermain to the PLCWC. (CAM #24-0856)

(Pending) Change Order No. 5 added $5,790,004 for Optimal Corrosion Control Treatment Pipe Loop Test for the PLCWC. (CAM #24-0857)

Purchase Order 6191

Change Order No. 1 added $4,167,756 to the project to increase the size of the administration building and to utilize concrete in lieu of steel for the construction of the administration and nanofiltration buildings. (CAM #23-1147)

Change Order No. 2 deducted ($736,631) from the project after Project Company discovered a discrepancy in previously executed Change Order No. 1, necessitating a deductive change order.

**Resource Impact**

There will be a fiscal impact to the City in the amount of $4,720,061 for Change Order No. 6. Funds for this change order are available in the FY2025 Community Investment Plan in the accounts listed below.

| *Funds available as of September 11, 2024* | | | | | |
|---|---|---|---|---|---|
| **ACCOUNT NUMBER** | **COST CENTER NAME (Program)** | **CHARACTER/ ACCOUNT NAME** | **AMENDED BUDGET (Character)** | **AVAILABLE BALANCE (Character)** | **AMOUNT** |
| *10-494-7999-536-60-6599-P12765* | New Water Treatment Plant - Prospect Lake Water Treatment Plant Enabling Works | Capital Outlay/ Construction | $177,000,001 | $70,258,533 | $4,720,061 |
| | | | | **TOTAL AMOUNT ►** | $4,720,061 |

**Strategic Connections**

This item is a FY *2024 Commission Priority*, advancing the Infrastructure and Resilience initiative.

This item supports the *Press Play Fort Lauderdale 2029* Strategic Plan, specifically advancing:

- The Infrastructure Focus Area, Goal 1: Be a sustainable and resilient community.

This item advances the *Fast Forward Fort Lauderdale 2035* Vision Plan*:* We Are Ready

This item supports the Advance Fort Lauderdale 2040 Comprehensive Plan specifically advancing:

- The Infrastructure Focus Area
- The Sanitary Sewer, Water & Stormwater Element
- Goal 3: Develop and maintain an adequate water supply, treatment and distribution system, which meets existing and projected needs of the service area in an efficient, economical, and environmentally sensitive manner.

**Related CAMs**

CAM #24-0856
CAM #24-0857
CAM #24-0956

**Attachment**

Exhibit 1 – Change Order No. 6

---

Prepared by: Daniel Fisher, Senior Project Manager, Public Works

Department Director: Alan Dodd, Public Works