



**CITY OF FORT LAUDERDALE  
City Commission Agenda Memo  
REGULAR MEETING**

**#24-0557**

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

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

**DATE:** July 2, 2024

**TITLE:** Motion Approving an Agreement for Peele Dixie Water Treatment Plant  
Variable Frequency Drive Modernization - Graybar Electric Company, Inc.  
- \$485,413 - (**Commission Districts 1, 2, 3 and 4**)

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**Recommendation**

Staff recommends the City Commission approve an agreement, in substantially the form attached, with Graybar Electric Company, Inc., for the purchase and installation of Variable Frequency Drives (VFD) and components for the Peele Dixie Water Treatment Plant (WTP) in the amount of \$485,413.

**Background**

In January and February 2024, WTP's treatment train #2's and #4's VFD, respectively, faulted and are no longer operational. These VFDs are obsolete, and the manufacturer no longer provides support for the equipment, nor are there replacement parts available on the market for repairs. WTP's treatment building encompasses four (4) treatment trains for producing drinking water for the public and after losing two (2) of the four (4) treatment trains due to faulting VFDs, the plant is now limited to producing half as much drinking water.

WTP has a total of nine (9) VFDs, four (4) in the treatment building, two (2) at the high service pumps, and three (3) at the reject water pumping system. All nine (9) VFDs are original installations when the plant became operational in April 2008. Since all nine (9) VFDs are original, unmodified equipment, and at the "end of their useful life," it is recommended to replace all nine (9) VFDs in the WTP. VFD replacement will be performed in a sequential manner so that overall water production and supply is not affected.

On March 25, 2024, the Procurement Services Division issued Invitation to Bid (ITB) Event No. 274-5. The bid was extended twice and closed on May 3, 2024. The City received three bids and one "no bid" response to the solicitation.

All bids were reviewed for compliance with the solicitation requirements. The bid submitted by Graybar Electric Company, Inc. is deemed the lowest, responsive, and responsible bidder.

None of the firms listed their status as a Disadvantaged Business Enterprise.

**Resource Impact**

There will be a fiscal impact to the City in the amount of \$485,413. Funds for this purchase are contingent upon approval by the City Commission and appropriation of the Consolidated Budget Amendment CAM 24-0323.

<b>Funds available as of June 3, 2024</b>					
<b>ACCOUNT NUMBER</b>	<b>COST CENTER NAME (Program)</b>	<b>CHARACTER/ACCOUNT NAME</b>	<b>AMENDED BUDGET (Character)</b>	<b>AVAILABLE BALANCE * (Character)</b>	<b>AMOUNT</b>
10-454-7999-536-60-6599-P12917	Peele Dixie Water Treatment Plant Variable Frequency Drive Replacements	Capital Outlay/ Construction	\$0	\$0	\$485,413
<b>TOTAL AMOUNT ►</b>					<b>\$485,413</b>

**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 3: 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 and Stormwater Element
- Goal 2: To develop and maintain an adequate wastewater collection and treatment system, which meets existing and projected needs of the City and adjacent users in the Central Wastewater Region.

**Related CAM**

24-0323

**Attachments**

- Exhibit 1 - Solicitation
- Exhibit 2 - Bid Tabulation
- Exhibit 3 - Agreement

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