

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: July 13, 2021  
Consent [] Regular [  
Public Hearing []

Department: Water Utilities Department

**I. EXECUTIVE BRIEF**

**Motion and Title: Staff recommends motion to approve:** Work Authorization (WA) No. 7 to the Contract for Optimization and Improvements Design-Build (Contract) with Cardinal Contractors, Inc. (Cardinal) for the Water Treatment Plant (WTP) No. 3 and SROC Electrical Improvements for a Guaranteed Maximum Price in the amount of \$3,464,500.00.

**Summary:** On January 15, 2019, the Board of County Commissioners approved the Palm Beach County Water Utilities Department (PBCWUD) Contract (R2019-0100) with Cardinal. WA No. 7 provides for the design and construction of various electrical improvements at WTP No. 3 and Southern Regional Operation Center (SROC). This Contract was procured under the requirements of the 2002 Small Business Enterprise (SBE) Ordinance (R2002-0064) prior to the adoption of the new Equal Business Ordinance on October 16, 2018. The SBE participation goal established by the 2002 SBE Ordinance was 15% overall participation. The Contract provides for 31% SBE participation which includes 21% M/WBE participation, 16% MBE (H) and 5% MBE (O). WA No. 7 includes 70.30% SBE, 16.99% M/WBE participation, 10.67% (B), and 6.31% MBE (O). The cumulative SBE participation including WA No. 7 is 40.02%, which includes 10.48% M/WBE, 4.81% MBE (B), and 5.66% MBE (O). Cardinal is headquartered in Sunrise, Florida but maintains an office in Palm Beach County from which the majority of the work under WA No. 7 will be undertaken. The Project is included in the PBCWUD FY21 budget. (PBCWUD Project No. 21-054) District 5 (MJ)

**Background and Justification:** WTP No. 3 and SROC are in need of electrical improvements due to various systems approaching the end of their serviceable life and require extensive maintenance. The proposed Improvements will promote reliability, reduce maintenance and restore the service life in order to provide safe and reliable water treatment processes. This Project includes electrical evaluation and conceptual design to develop options related to the replacement or improvement of WTP No. 3, Deep Injection Well (DIW), and SROC. Work also includes evaluation of DIW switchgear and generator, feeder to SROC facility, SROC switchboard, portable generator lug box connection at the SROC facility, redundant feeder options MCC-6m and MCC-2 located at WTP No. 3 Pretreatment Building and the Generator Building, and existing 4160-volt feeder to wells 20 and 21.

**Attachments:**

- 1. Two (2) Originals of Work Authorization No. 7
- 2. Location Map
- 3. Certificate of Liability Insurance

Recommended By: Ali Bayat Department Director  
Date: 6/23/21

Approved By: [Signature] Assistant County Administrator  
Date: 7/6/21

**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	2021	2022	2023	2024	2025
Capital Expenditures	\$3,464,500	0	0	0	0
Operating Costs	0	0	0	0	0
External Revenues	0	0	0	0	0
Program Income (County)	0	0	0	0	0
In-Kind Match County	0	0	0	0	0
<b>NET FISCAL IMPACT</b>	<b>\$</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
# ADDITIONAL FTE POSITIONS (Cumulative)	0	0	0	0	0

**Budget Account No.:** Fund 4011 Dept 721 Unit W003 Object 6541

Is Item Included in Current Budget? Yes X No     

Does this item include the use of federal funds? Yes      No X

Reporting Category N/A

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

One (1) time expenditure from user fees, connection fees, and balance brought forward.

**C. Department Fiscal Review:** \_\_\_\_\_ GE

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and/or Contract Development and Control Comments:**

[Signature] 6/16/21  
OFMB 6-16-21 BR/LLP

[Signature] 6/24/21  
Contract Development and Control  
6-24-21 RTW

**B. Legal Sufficiency:**

[Signature] 7/2/21  
Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
Department Director

This summary is not to be used as a basis for payment.