



Pinellas County

Staff Report

File #: 23-1805A, Version: 1

Subject:

Award of bid to Chinchor Electric, Inc. for the construction of the William E. Dunn Water Reclamation Facility electrical improvements.

Recommended Action:

Approval of the award of bid to Chinchor Electric, Inc. for the construction of the William E. Dunn Water Reclamation Facility (WRF) electrical improvements.

- This contract provides for facility-wide electrical system improvements and upgrades to the WRF that will increase reliability and bring the facility into conformance with Class I reliability guidelines while providing an improved electrical system for the future.
- Upgrades include the removal and replacement of the existing transformers, motor control centers, and generators, installation of new conduit and wiring, and building a new facility to store all the above equipment to protect them from climate damage.
- Two bids were received, with award recommendation to Chinchor Electric, Inc. as the lowest responsive responsible bidder in the amount of \$21,451,561.00.
- Chinchor Electric, Inc.'s submittal contains a Small Business Enterprise Program commitment of 7%.
- All work is to be completed within 1,100 consecutive calendar days.
- Funding is budgeted under William E. Dunn Water Reclamation Facility Electrical Improvements Project 003409A, included in the Capital Improvement Plan, funded by the Sewer Renewal and Replacement Fund.

Contract No. 23-1117-ITB-C in the amount of \$21,451,561.00. All work must be completed within 1,100 consecutive calendar days from issuance of notice to proceed; Authorize the Chairman to sign and the Clerk of the Circuit Court to attest.

Strategic Plan:

Foster Continual Economic Growth and Vitality

4.4 Invest in infrastructure to meet current and future needs

Deliver First Class Services to the Public and Our Customers

5.3 Ensure effective and efficient delivery of county services and support

Summary:

This contract is for the required construction improvements to the Dunn WRF Electrical Systems. Upgrades include the removal of the existing transformers at the east Motor Control Center (MCC), west MCC, and maintenance building; removal and replacement of the existing east and west MCCs; removal of the existing east and west generator sets; installation of two new transformers; installation

of two new generators, new switchgear building and installation of new conduit and wiring as required.

Background Information:

An invitation to bid was released by the Purchasing and Risk Management Division on behalf of Utilities on September 29, 2023. Two bids were received with award recommendation to Chinchor Electric, Inc. as the lowest responsive responsible bidder in the amount of \$21,451,561.00. Routing this contract for approval has been on hold since December 2023 due to a required budget amendment.

The Dunn WRF electrical and backup power systems are outdated. The current electrical design also does not meet EPA Class I Reliability and only provides backup power to three of the five separate metered accounts, which may allow for a single point of failure for critical processes with only one or no backup in place. Facility-wide electrical system improvements and upgrades will help increase reliability and bring the facility into conformance with Class I reliability guidelines, while providing an improved electrical system for the future.

Pinellas County Utilities retained CHA (previously Reiss Engineering, Inc.) to complete the design, permitting, and implementation of the improvements described above.

Fiscal Impact:

Total contract not-to-exceed: \$21,451,561.00

Funding is budgeted under William E. Dunn Water Reclamation Facility Electrical Improvements Project 003409A, included in the Capital Improvement Plan, funded by the Sewer Renewal and Replacement Fund.

Staff Member Responsible:

Jeremy Waugh, P.E., Director, Utilities
Noralyvs Hancock, EI, Operations Division Director, Utilities
Joe Lauro, Director, Administrative Services
Merry Celeste, Division Director, Purchasing and Risk Management

Partners:

N/A

Attachments:

Agreement
Tabulation