



Pinellas County

Staff Report

File #: 23-1762A, Version: 1

Subject:

Award of bid to New Era Electric, Inc. for the construction of the South Cross Bayou Advanced Water Reclamation Facility electrical switchgear replacement.

Recommended Action:

Approval of the award of bid to New Era Electric, Inc. for the construction of the South Cross Bayou Advanced Water Reclamation Facility (SCBAWRF) electrical switchgear replacement.

- This project serves as Phase 1 of a multi-year, multi-phase program to replace all the electrical switchgear and generator controls at SCBAWRF that have reached the end of their useful service life.
- The scope of Phase 1 work includes the replacement of the switchgear and electrical controls in Generator Building 2. The new switchgear will provide better reliability and increased safety to plant operations.
- Three bids were received with award recommendation to New Era Electric, Inc. in the amount of \$2,633,824.00 as the lowest responsive and responsible bidder.
- New Era Electric, Inc. is certified with Pinellas County as a Small Business Enterprise Program vendor.
- All work is to be completed within 450 consecutive calendar days.
- Funding is now budgeted under South Cross Bayou Electrical Switchgear Replacement Project 004906A, included in the Capital Improvement Plan, funded by the Sewer Renewal and Replacement Fund.

Contract No. 23-1080-ITB-C in the amount of \$2,633,824.00. All work must be completed within 450 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:

Create a Quality Workforce in a Positive, Supportive Organization

1.3 Make workforce safety and wellness a priority

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 project serves as Phase 1 in the overall Switchgear Replacement program for the SCBAWRF to

replace Switchgear GEN 1 /2 and GEN 3 /4 along with the Generator Controls CC1 and CC2. The existing electrical switchgear infrastructure is more than 30 years old and reached the end of its useful service life. The new switchgear will provide better reliability and increased safety to plant operations.

Following Phase 1 will be Phases 2, 3 and 4 to complete the overall replacement of the switchgear infrastructure. The purpose of this project is to replace the old infrastructure related to the switchgear and generator controls located at the SCBAWRF. The existing switchgear and generator control components are more than 30 years old and have reached the end of their service life. This contract is necessary to continue with the construction phase for SCBAWRF Electrical Switchgear Replacement. This project will Replace and upgrade 12 electrical switchgear units throughout SCBAWRF. The project will undergo a multi-year upgrade program, intending to manage (3 units) per year.

Background Information:

On September 22, 2023, the Purchasing and Risk Management Division, on behalf of Utilities, released an invitation to bid for the SCBAWRF Replacement of Generator Controls and Switchgear. Three bids were received with award recommendation to New Era Electric, Inc. as the lowest responsive responsible bidder in the amount of \$2,633,824.00.

The existing Electrical Switchgear has more than three decades of useful life at SCBAWRF. The system has exceeded its useful service life, is located in a highly corrosive environment, and needs to be replaced. This overall project is a multi-year, multi-phase program to replace all 12 electrical switchgear infrastructure components at the SCBAWRF. This specific project will serve as Phase 1 of the overall programmed work. Following the Phase 1 work will be the remaining phases until all 12 electrical switchgear infrastructure units at SCBAWRF are replaced.

Fiscal Impact:

Total expenditure not-to-exceed: \$2,633,824.00

Funding is budgeted under South Cross Bayou Electrical Switchgear Replacement Project 004906A, included in the Capital Improvement Plan, funded by the Sewer Renewal and Replacement Fund.

Staff Member Responsible:

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

Partners:

N/A

Attachments:

Agreement
Bid Tabulation