

**DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

Date: December 21, 2022

To: Gary T. Hartfield, Division
Director Internal Services
Department
Small Business Development Division

From: Paul Adams, Chief,
Construction Contracts
Division

Department: Miami-Dade Water and Sewer Department

Contract Title: Ocean Outfall Legislation Program, Construction Package CT-3C-A, Electrical
Distribution Building 2 (EDB-2)

Contract No.: S-949A

Estimate \$140,282,528.10 (Construction \$127,529,571.00 + \$12,752,957.10 Contingency)

Funding Source: WIFIA Loan (Federal Funding), Wastewater Connection Charges, Wastewater
Renewal Fund, Wastewater Special Construction Fund, WASD Revenue Bonds Sold,
WASD Subordinate Debt Sold, State Revolving Loan Wastewater, Future WASD
Revenue Bonds, Future Subordinate Debt

Small Business Enterprises - Construction – 7.35%
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Department Head or Authorized Agent

DESCRIPTION OF PROJECT: The work under this contract includes the construction of a new Electrical Distribution Building (EDB-2) located at the Northern portion of the CDWWTP. EDB-2 will provide power to most of the electrical substations in the northern part the CDWWTP by providing a new network of electrical duct banks. This project will offload the existing EDB-1 by transferring some the existing loads to the new EDB-2. The new facility will consist of a new electrical distribution building housing eight (8) tier-4 diesel engine-generators, all auxiliary equipment, a workshop, a safe room, a breakroom, and bathrooms/locker rooms. It will also include a fuel oil and bulk storage facility and an FPL Metering Vault. The project includes significant earthwork and installation of a retaining wall to raise the finish floor elevation above the projected flood elevations.

LICENSES REQUIRED:

At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active: State General Contractor, General Engineering Contractor and/or other categories as applicable by Chapter 489 of the Florida Statutes or County Code Chapter 10.

MINIMUM EXPERIENCE REQUIRED:

In addition to the license requirements, the Bidder must submit proof, along with their bid, that their firm has successfully completed comparable projects meeting the following criteria:

- The Bidder shall have successfully completed a minimum of one (1) project demonstrating experience with electrical distribution building construction projects having a total construction value of greater than \$75 million and three (3) projects demonstrating experience with large wastewater treatment upgrade projects having a total construction (for each project) of greater than \$25 million. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.
- The Bidder's proposed project manager shall have successfully completed a minimum of two (2) projects demonstrating project management experience with large wastewater treatment upgrade projects having a total construction value (for each project) of greater than \$50 million. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.
- The Bidder must have successfully completed the construction and/or rehabilitation of a minimum of two (2) electrical distribution rooms with at least 6 diesel engine type generators. The Bidder shall be experienced in performing the work while maintaining operations of a wastewater treatment facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.
- The Bidder must have successfully completed the construction and/or rehabilitation of a minimum of two (2) fuel storage facilities with at least 3 storage tanks and accessories and construction of fuel pipe systems. The Bidder shall be experienced in performing the work while maintaining operations of a wastewater treatment facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.
- The Bidder or Bidder's Electrical Subcontractor shall have successfully completed a minimum of three (3) projects demonstrating experience procuring and installing main electrical equipment, medium or low voltage power supply systems, including transformers and switchgear. The Bidder shall be experienced in performing the work while maintaining operations of a wastewater treatment facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid. The Bidder or Bidder's Electrical Subcontractor Lead Electrician shall have successfully completed a minimum of one (1) project demonstrating experience with medium and high voltage power supply systems, including transformers and switchgear. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid. The Bidder shall be experienced in performing the work while maintaining operations of a wastewater treatment facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.
- The Bidder or Bidder's Instrumentation and Controls Subcontractor shall have successfully completed a minimum of one (1) project demonstrating experience with instrumentation and controls including connections into an existing SCADA. The experience may be demonstrated by the general contractor or a specialty subconsultant for their discipline of work. The Bidder shall be experienced in performing the work while maintaining operations of a wastewater treatment facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.
- The Bidder or Bidder's HVAC Subcontractor shall have successfully completed a minimum of one (1) project demonstrating experience with HVAC equipment including cooling towers. The experience may be demonstrated by the general contractor or a specialty subconsultant for their discipline of work. The Bidder shall be experienced in performing the work while maintaining operations of a wastewater treatment facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.

In the event a firm is established by executives, supervisors, and other senior field staff (key employees) that would have met these minimum experience requirements with a prior firm, the COUNTY reserves the right to qualify the firm based on the COUNTY 's sole determination and evaluation of the knowledge and prior experience of these key employees employed by the new firm. The experience of key senior personnel with other firms may be counted towards the experience requirement, if acceptable to the ENGINEER. Should such evidence not be satisfactory to the ENGINEER, whose decision shall be final, the bid will be considered non-responsive, and the second lowest bidder will be considered for award.

The County reserves the right to request additional information and/or contact listed persons pertaining to bidder's experience.

BASIS OF RECOMMENDATION: Attached

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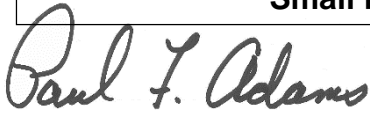
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Analysis for Recommendation (Attached)

Small Business Enterprise – Goods & Services – 4.02%



Department Head or Authorized Agent

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CONSIDERATIONS FOR ANALYSIS:

No special considerations on this project.

BASIS OF RECOMMENDATION: Attached