

**DEPARTMENTAL INPUT  
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

Date: July 15, 2022

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

From: Paul Adams, Manager  
Construction Contracts Division

Department: Miami-Dade Water and Sewer Department

Contract Title: Alexander Orr Water Treatment Plant Sodium Hypochlorite Feed & Storage Facility

Contract No.: W-952

Estimate \$5,317,669.52 (Construction \$4,705,902.23 + Allowances & Contingency \$611,767.29)

Funding Source: W017289

**Small Business Enterprises - Construction - 7.99%**



Department Head or Authorized Agent

**DESCRIPTION OF PROJECT:**

This project consists of the construction of a new sodium hypochlorite feed and storage system at AOWTP with a 15-day storage capacity to replace the existing chlorine gas disinfection method. The new facility will have eight (8) 27,500-gallon FRP storage tanks, transfer pumps, feed pumps, and a fill station for the chemical. A new mechanical room to house the chemical feed pumps and a new electrical room for the electrical panels, control, and SCADA equipment will also be constructed within the facility. New chemical feed lines to the injection points will be installed as well as new process and control equipment for the complete automation of sodium hypo storage and feed operation.

**LICENSES REQUIRED:**

a. 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:

a. Certificate of Competency from the County's Construction Trades Qualifying Board as a General Engineering Contractor or as a Pipeline Engineering Contractor. The Pipeline Engineering Contractor shall subcontract with a qualified contractor any work which is incidental to the pipeline specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified;

or

b. Certification, as a General Contractor or as an Underground Utility and Excavation Contractor, provided by the State of Florida Construction Industry Licensing Board, pursuant to the provisions of Florida Statutes Chapter 489.115.

**MINIMUM EXPERIENCE REQUIRED:**

The Bidder must have a minimum of three (3) years of experience, under its current business name (which can include the experience of key supervisory employees that would manage the project), in the construction and/or rehabilitation of chemical storage and metering facilities, specifically for sodium hypochlorite applications, supported by references for three (3) projects completed within the past ten (10) years. Submitted reference Projects must demonstrate that the Bidder served as the Prime Contractor for the referenced Projects provided.

The Bidder must demonstrate that it has full-time personnel with the necessary experience to perform the Project's Scope of Work. This experience shall include work in successfully completed projects performed by the identified personnel whose bulk of work performed in the public right-of-way is similar in detail to the Project's Scope of Work described in these Solicitation Documents. Demonstrate the experience requirement by:

1. Providing a detailed description of at least three (3) projects similar in detail to the Project's Scope of Work described in these Solicitation Documents and in which the Bidder's identified personnel is currently engaged or has completed within the past five (5) years. List and describe the aforementioned projects and state whether the work was performed for the County, other government clients, or private entities.
2. For each project listed, the pipe installation shall have been completed and accepted by the project owner prior to the bid submittal date. The description must identify for each project:
  - a. The identified personnel and their assigned role and responsibilities for the listed project
  - b. The client's name and address including a contact person and phone number for reference
  - c. Description of work
  - d. Total dollar value of the contract
  - e. Contract duration

The prior experience of Bidder's key personnel will be considered in evaluating a Bidder's qualifications for this project in accordance with Miami- Dade County [Resolution No. R-1122-21](#)

**BASIS OF RECOMMENDATION:** Attached

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\$611,767.29)

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**Small Business Enterprise – Goods & Services – 0.64%**

Analysis for Recommendation (Attached)



Department Head or Authorized Agent

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**CONSIDERATIONS FOR ANALYSIS:**

1. Primary opportunities are in Loading and Hauling.

**BASIS OF RECOMMENDATION:** Attached