

**DEPARTMENTAL INPUT  
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

Date: July 19, 2023

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: Upgrade of Pump Station 0300

Contract No.: S-16030

Estimate \$28,872,310.59 (Construction \$24,911,779.28 + Allowances & Contingency \$3,960,531.31)

Funding Source: Future WASD Revenue Bonds, WASD Revenue Bonds Sold , Wastewater Connection Charges, Wastewater Renewal Fund

**Small Business Enterprises - Construction 2%**



Department Head or Authorized Agent

**DESCRIPTION OF PROJECT:** The project consists of furnishing all materials, labor and equipment necessary to Upgrade Booster Pump Station No. 0300, including but not limited to exploratory excavation, excavation, demolition, modification and new construction work.

**LICENSES REQUIRED:** One of the following licenses are required: State General Contractor, General Engineering, and/or any other category as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code.

**MINIMUM EXPERIENCE REQUIRED:**

Bidder shall submit proof, that his/her firm has at least the minimum successful contract experience as required below. Such proof shall consist of projects, completed prior to the bid date, with the name and telephone numbers of the owners or representatives the Department can call and confirm the listed experience.

A. The Bidder's proposed project manager, supervisor, foreman and/or superintendents shall have successfully completed a minimum of two (2) projects demonstrating project management experience in projects involving the upgrade of large wastewater infrastructure for pumping and treatment, having a total construction value (for each project) of greater than \$15 million. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.

B. The Bidder or the Bidder's Electrical Subcontractor shall have successfully completed a minimum of three (3) projects demonstrating experience procuring and installing main electrical equipment, medium and low voltage electrical power systems, including, but not limited to transformers, switchgears, Variable Frequency Drives (VFD), and Programmable Logic Controllers (PLC). The Bidder wastewater facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.

C. In addition to submittal requirements stated elsewhere, to qualify for work on this project, the successful bidder shall be experienced in similar installations, construction of the structural building, including plumbing, mechanical and electrical work, medium voltage electrical power system and standby diesel generators.

D. The Bidder shall have successfully completed the installation of a minimum of three (3) Sewer pump stations within the last five (5) years from the date of this solicitation, meeting the following requirements:

- a. Installation of dry pit submersible non-clog pumps, with a minimum of 150 horsepower and VFD.
- b. Installation of at least 500 LF of 36-inch pressure pipe including valves and fittings within the past three (3) years.

E. The bidder or his electrical subcontractor shall have successfully completed a minimum of three (3) projects demonstrating experience with medium voltage power supply and standby diesel generators within the last five (5) years, meeting the following requirements:

- a) Minimum generator size: 1,250 KW
- b) Medium voltage switchgear
- c) Installation of Medium Voltage and 480V control system, Telemetry RTU/Modbus TCT/IP

F. The Bidder shall subcontract with a qualified contractor, in the construction of roadway of similar scope and scale involving public right-of-way, maintenance of vehicular traffic, supported by references for three (3) projects completed within the past three (3) years.

G. The experience of key senior personnel with other firms may be counted toward 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 low bidder will be considered for award. The qualifying proof shall be submitted in a separate sealed envelope with the bid.

H. 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, OWNER reserves the right to qualify the firm based on OWNER'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 qualifying proof shall be submitted in a separate sealed envelope with the bid.

**BASIS OF RECOMMENDATION:** Attached

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Charges, Wastewater Renewal Fund

**Small Business Enterprise – Goods & Services – 2%**

Analysis for Recommendation (Attached)



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**CONSIDERATIONS FOR ANALYSIS:**

The Goods & Services deemed appropriate are:

1. Air Conditioning equipment, ducts, fans, and accessories.
2. Refurbishment of restroom
3. Refurbishment of Battery Room
4. Concrete sidewalk
5. Chain link fence
6. Sod

**BASIS OF RECOMMENDATION:** Attached