

**DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

Date: August 9, 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: Site Preparation (NT-2B) North District Wastewater Treatment Plant

Contract No.: S-967

Estimate \$54,604,700.73 (Construction \$43,974,244.73 + Allowances & Contingency \$10,630,456.00)

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

Small Business Enterprises – Construction – 2.99%



Department Head or Authorized Agent

DESCRIPTION OF PROJECT:

This is the site preparation project for the upcoming High Level Disinfection Facilities (HLD) that are required to comply with the Ocean Outfall Legislation (OOL). The main scope is to remove the unsuitable soil and raise the site to the required design elevations. This project also includes provisions for temporary construction trailers for the subsequent OOL project.

The project consists of site clearing, muck removal and filling the site to prepare the area for the construction of subsequent projects. The project includes the following:

- A. Clearing, grubbing, removing all organic material (muck) from the wetlands area and remove exotic species from the wetlands to remain.
- B. Backfill and grading required to prepare the project area according to the Plans to a minimum elevation of 11 feet NGVD 29.
- C. Construct temporary construction roads and paving of the main road.
- D. Construction of temporary perimeter fence (using a chain link fence and a non-motorized gate).
- E. Construct new access point (using a trailer as security guardhouse), the new security house shall match existing services.
- F. Construct site utilities for 5 double-wide construction trailers (potable water, power, telephone and temporary sanitary lift station and its associated force main to discharge into the existing sanitary sewer system for the NDWWTP).

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G. Relocation of existing temporary electrical facilities: Contractor shall be responsible for the following work:

- a. Coordination with FPL for connection of electrical services to the area provided for future expansion where the construction trailers will be located.
- b. Excavation and backfill the proposed route of the duct bank.
- c. Secondary service.

LICENSES REQUIRED:

The types of licenses required are:

- (1) General Engineering Contractor,
- (2) Electrical Contractor
- (3) Site preparation/Land Development Contractor
- (4) Other categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code

MINIMUM EXPERIENCE REQUIRED:

A. The Bidder shall have successfully completed a minimum of one (1) project demonstrating experience with site preparation/land development work in wetlands areas having a total construction value of greater than \$20 million or three (3) site preparation/land development projects in wetlands areas each one with a value greater than \$10 million. These projects shall have been completed within the past ten (10) years from the date of the Invitation to Bid.

B. The Bidder's proposed project manager shall have successfully completed a minimum of two (2) projects demonstrating project management experience with large site preparation projects in wetlands areas having a total construction value (for each project) of greater than \$10 million. These projects shall have been completed within the past ten (10) years from the date of the Invitation to Bid.

C. The Bidder or Bidder's Electrical Subcontractor shall have successfully completed a minimum of three (3) projects demonstrating installation of electrical equipment low voltage power supply systems, including transformers, multimeter center, service entrance switchboard and underground routing. These projects shall have been completed within the past ten (10) years from the date of the Invitation to Bid.

D. The Bidder or Bidder's Electrical Subcontractor Lead Electrician shall have successfully completed a minimum of three (3) projects demonstrating installation of electrical equipment low voltage power supply systems, including transformers, multimeter center, service entrance switchboard and underground routing. 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, 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 Engineer's Estimate & SBE Goals, PDP Checklist.

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Small Business Enterprise – Goods & Services – 1.72%

Analysis for Recommendation (Attached)



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