

SBD - CM Review Form

To:	Project Review & Analysis - Construction		
From:	SBD Engineer - Eric Perez		
Department:	Miami Dade Water & Sewer Department	Contact:	Paul Adams
Date:	8/9/2023	Resubmittal:	

PROJECT NUMBER:	S-967
PROJECT TITLE:	Site Preparation (NT-2B) North District Wastewater Treatment Plant
PROJECT LOCATION:	2575 NE 156th St, North Miami Beach, FL 33160

SCOPE OF WORK/DESCRIPTION: 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). 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: 1. 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 at least one valid, current and active license of the following types: State General Engineering Contractor, Site Prep, Electrical Contractor and/or other categories as applicable by Chapter 489 of the Florida Statutes or County Code Chapter 10.

SPECIAL REQUIREMENTS:In addition to licensing requirements, bidders shall submit proof with their bids of the following:

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.

TRADES/SUBTRADES	AMOUNT	COMMENTS
General Engineering Contractor/ Site Prep		
Mobilization & Demobilization	\$3,326,621.00	*Possible opportunities for Small Businesses
Site Clearing	\$359,719.00	*Possible opportunities for Small Businesses
Muck removal : For over excavation, removal, preparing for proper transport and disposal of all organic material (muck),	\$14,127,025.00	

TRADES/SUBTRADES	AMOUNT		COMMENTS
Fill Replacement: For providing, placing, and compacting all fill required to bring the site after muck removal (Item 003) to final grade elevations as shown on contract documents.	\$23,896,008.73		
Paving			
new paving to the main access road, final grading including stormwater retention areas	\$854,378.00		*Possible opportunities for Small Businesses
Demolition			
Demolition: For demolition, removal, and disposal of existing of existing guardhouse, asphalt pavement, concrete pads, drainage structures, and concrete valve	\$144,418.00		*Possible opportunities for Small Businesses
Electrical Contractor			
electrical equipment	\$1,161,562.00		*Possible opportunities for Small Businesses
Plumbing Contractor			
utilities (guardhouse trailers)	\$104,513.00		*Possible opportunities for Small Businesses
BASE TOTAL	\$43,974,244.73	80.54%	
Contingency Allowance (10% of Base Estimate)	\$4,397,424.47	8.05%	
Dedicated Allowance	\$6,230,690.00	11.41%	
TOTAL AMOUNT	\$54,602,359.20	100.00%	

Small Business Development Signature: Eric Perez Date: 8/25/2023
***Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM**
WASD is recommending 2.99%