

Memorandum



Date: August 3, 2023

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

Through: Andre Ragin, Aviation Small Business Strategic Advisor
Minority Affairs

From: Sylvia Novela, Division Director
Miami-Dade Aviation Department
Procurement and Materials Management Division

Subject: Miami International Airport (MIA) MIA Sanitary Sewer Consent Decree (CD) Capacity, Management, Operation and Maintenance Program
Project No. E23AV03

It is requested that the referenced project be reviewed for contract measures in order to proceed with the advertisement and subsequent consultant selection.

Project: Sanitary Sewer Collection and Transmission Systems Master Plan and Regulatory Compliance for MDAD Facilities.

ISD Project No.: E23AV03

Project Description:

The project will consist of complying with the Miami-Dade County RER-DERM Sanitary Sewer Consent Decree (CD) Capacity, Management, Operation, and Maintenance (CMOM) program and updating and maintaining the sanitary sewer master plan for MDAD Facilities. The service will include collecting and reviewing as-built data, field verifying as-built conditions, updating the utility atlas, updating the existing modeling scenario, update the future modeling scenarios, update the master plan document, review, and update the MDAD design guideline, review and update the technical specifications and assist the Department with environmental and permitting issues.

Miami International Airport's wastewater collection and transmission system services the passenger terminals, cargo, and ancillary facilities. The system consists of thirty-seven (37) pump stations throughout the airport and one (1) booster pump station. The collection system consists of over ten (10) miles of gravity sewers ranging from 4 to 18 inches in diameter and the force main network includes over twenty (20) miles of pressurized pipes ranging from 4 to 20 inches in diameter.

The Consultant shall provide at its own cost, the software, hardware, personnel, and training to utilize BIM (Building Information Modeling) methodology throughout the duration of this project. All work and development involving BIM shall comply with the MDAD BIM Standards Manual (BIM Manual).

Background: MDAD is seeking one (1) firm as Prime, along with the necessary subconsultants to provide A&E design and construction management services for the Miami-Dade County RER-DERM Sanitary Sewer Consent Decree (CD) Capacity, Management, Operation, and Maintenance (CMOM) program and updating and maintaining the sanitary sewer master plan for MDAD Facilities.

Term of Agreement: Six (6) years

Contract Estimated Amount: \$2,205,500

Funding Source: Miami-Dade Aviation Department Operating Budget

Technical Certification Category

Prime: 4.01 Aviation Systems-Engineering Design (20%)
6.01 Water and Sewer-Water Distribution and Sanitary Sewage Collection and Transmission Systems (70%)

Sub-consultants: 15.01 Survey and Mapping - Land Surveying (10%)

Project Preferred

Qualification: It is preferred that the Prime Consultant have a cumulative ten (10) years of experience from the submittal date, in developing and maintaining sanitary sewer collection and transmission master plans and associated computer modeling (SewerCAD preferred) in airports and municipal systems of equal size and complexity as that of Miami International Airport (MIA).

Recommended SBE

A/E: SBE A&E 10%

Please advise if additional information is needed to complete this request.
Your assistance with this matter is appreciated.

c: Laurie Johnson, ISD/SBD
Ana Finol, MDAD
Barbara S. Jimenez, MDAD
Sylvia Novela, MDAD
Joaquin Menendez, MDAD