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**MIAMI-DADE COUNTY, FLORIDA
NOTICE TO PROFESSIONAL CONSULTANTS
PORTMIAMI
MARINE INFRASTRUCTURE ENGINEERING SERVICES
ISD PROJECT NO. E13-SEA-04**

The County Mayor, Miami-Dade County (County), pursuant to Chapter 287.055, Florida Statutes, Sections 2-8.1 and 2-10.4 of the Miami-Dade County Code, Implementing Order 3-34, and Administrative Order 3-39, announces that architectural and engineering services for marine infrastructure engineering services will be required for PortMiami.

The prime consultant and/or subconsultants selected for award of this solicitation will not be considered for any design-build projects, for which design criteria specifications are developed for PortMiami under this Agreement.

PortMiami will select two (2) consultant teams via two (2) separate Notices to Professional Consultants. The schedule for selection of a consulting team and subsequent award of a PSA under ISD Project No. E13-SEA-03 will precede the selection of a consulting team and subsequent award of a PSA under ISD Project No. E13-SEA-04. The Prime Consultant and/or subconsultants selected for award of a PSA under ISD Project No. E13-SEA-03 will not be considered for award of a PSA under ISD Project No. E13-SEA-04.

Prime and sub-consultants selected for PSAs under ISD Project No. E11-SEA-03, Program Management Consultant Services, and ISD Project No. E09-SEA-02, Bond Engineering Services, will not be considered for award of a PSA under ISD Project Nos. E13-SEA-03 and E13-SEA-04.

The Consultant shall provide marine engineering inspection, evaluation, design, and design criteria services for the construction, repair and rehabilitation, removal and replacement and new construction of PortMiami's Marine Infrastructure. Services include, but are not limited to: wharves; bulkheads; seawalls; roll-on/roll-off platforms; pile supported gantry crane rail beams tie-downs, and stow pin sockets; shoreline protection revetments; dredging; corrosion protection; floating and fixed docks; offshore mooring and breasting dolphins; container yard improvements; and other cruise and cargo vessel berthing improvements. In addition, services shall include all ancillary marine infrastructure, such as moorings and bollards; fenders; runways and railways; ramps and aprons; cold-iron connections; as well as, marine terminal yard upgrades; including intermodal yard, transaction/security gate, gantry system and passenger cruise boarding bridge infrastructure in support of the containerized cargo vessels and cruise passenger ship growth at *PORTMIAMI*.

The Consultant shall provide all services inclusive of: surface and underground investigations and inspections; subsurface drilling and geotechnical investigations; materials sampling and testing; condition assessments, evaluations and analysis; marine

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(biological) resources surveys; topographic and bathymetric surveys; berthing studies and mooring analysis; technical presentations and reports; design criteria; designs and specifications; drainage, structural, electrical, telecommunications, and water distribution engineering; cost estimates; schedules; value engineering coordination; construction documents; environmental and building permitting; coordination with regulatory agencies; bidding assistance; and construction phase engineering and inspection services, which include, but are not limited to the review of shop drawings, proposed substitutions, contractor's pay requests, change order analysis, and claims assistance; and any supportive ancillary tasks to successfully complete all the phases of the project.

At the request of the Port, the Consultant shall respond, on short notice, to unforeseen events including but not limited to: berthing and cargo handling accidents; hurricane and other weather related events that would necessitate the urgent production of marine infrastructure damage assessment reports; including the development of emergency repair plans, specifications, cost estimates and regulatory agency notification and coordination.

A/E Technical Certification Categories Required:

- 5.05 Port and Waterway Systems – Cargo Terminal Design **(Prime)**
- 5.08 Port and Waterway Systems - Marine Engineering Design **(Prime)**
- 17.00 Engineering Construction Management **(Prime)**
- 5.09 Port and Waterway Systems - Environmental Design
- 6.01 Water Distribution and Sanitary Sewage Collection and Transmission Systems
- 9.01 Drilling, Subsurface Investigations and Seismographic Services
- 9.02 Geotechnical and Materials Engineering Services
- 10.01 Stormwater Drainage Design Engineering Services
- 13.00 General Electrical Engineering
- 15.01 Land Surveying
- 15.04 Hydrographic Surveys

Minimum Requirements:

The Prime Consultant must demonstrate experience in five (5) projects performed in the State of Florida over the past ten (10) years of similar work as described above. The expertise must be met by a qualified individual(s) of the prime firm. The experience must be demonstrated by direct or substantial involvement of the individual(s) in a supervisory capacity at the Project Manager level or above. The determination for the individual's qualifications and compliance with the experience and qualifications shall be at the sole discretion of the County.

The CBE Goal recommendation is 15.00%. The Agreement will be in the approximate amount of \$3,300,000.00, which includes the 10% contingency, and shall remain in effect for a total of three (3) years with two (2), one-year options to extend. The estimated construction value is \$33,060,000.00.