

**MIAMI-DADE COUNTY, FLORIDA
NOTICE TO PROFESSIONAL CONSULTANTS (NTPC)
MIAMI-DADE COUNTY SEAPORT DEPARTMENT (PORTMIAMI)
CRANE PROGRAM ENGINEERING AND CONSULTING SERVICES
ISD PROJECT NO. E16-SEA-01**

The County Mayor, Miami-Dade County (County), pursuant to Section 287.055, Florida Statutes, Sections 2-8.1 and 2-10.4 of the County Code, Implementing Order 3-34, and Administrative Order (A.O.) 3-39, announces that announces that PortMiami is seeking a Consultant to provide non-exclusive Crane Program Engineering and Consulting Services.

Preclusion: Prime consultants and sub-consultants selected for PSAs under ISD Project No. E11-SEA-03, Program Management Consultant Services, and ISD Project No. E14-SEA-01R, Management Financial Consulting and Bond Engineering Services, will not be considered for award of a PSA under ISD Project No. E16-SEA-01.

PortMiami is seeking a consultant to provide professional engineering services for Gantry Cranes, and rail and structural support systems. The scope of services includes specific Gantry Crane Program Engineering and Consulting Services, and Crane Procurement.

1. Crane Procurement: The Consultant shall provide oversight and technical assistance to purchase, design, fabricate, erect, install, test, start-up, commission, ship, deliver, re-commission, test and certify gantry cranes and cargo handling equipment such as spreaders. Services may include, but are not limited to: electrical controls drive system design; safety and control interlocks design; vessel profiling operations; hoisting system designs; hoisting hydraulic system design; gantry crane design oversight and reviews; specific metals and application engineering; equipment elevator design; fabrication engineering and Quality Assurance/Quality Control (QA/QC); on-site engineer at manufacturer's site during fabrication, erection, installation, commissioning, testing and shipping; specialty engineer trips to manufacturer's site during design, fabrication, erection, installation, commissioning and testing, as well as prior to shipment; review of all of manufacturer's drawings, calculations, submittals, reports, testing results, and manuals; trips to PortMiami for design reviews, project management, delivery, crane start-up, re-commissioning, testing, certification and acceptance; review and adjustment of manufacturer's spare parts list as required; and review of operations and management of on-site third party inspection services as appropriate.

2. Specific Gantry Crane Program Engineering and Consulting Services: Services include, but are not limited to: general and specific gantry crane engineering; gantry crane infrastructure engineering of the crane systems, rail support systems (including, but not limited to the rail, which supports the cranes); with analysis and studies of PortMiami's gantry cranes, and cargo handling equipment to include, but not be limited to spreaders. This work covers gantry crane program assistance; project assistance and management; equipment design; electrical controls drive system design; safety and control interlocks design; vessel profiling operations; hoisting system designs; hoisting hydraulic system design; gantry crane design oversight and reviews; specific metals and application engineering; equipment elevator design; fabrication engineering and QA/QC; shipping, loading and unloading, testing, commissioning, gantry crane, repair and maintenance procedures; inspections; assessments; disaster and damage recovery reports; claims assistance; calculations; testing; production analysis; preparation of reports and other specialty crane engineering services.

The Consultant shall provide all necessary professional services; site investigations; studies; modeling; engineering designs; steel structural engineering; mechanical and electrical engineering; cost estimates; value engineering coordination; manufacturing and fabrication documents; bidding assistance; site visits; inspections; fabrication administration including QA/QC inspection services and review of fabrication shop drawings, submittals, proposed substitutions, pay requests and change orders; commissioning; OSHA certification; claims assistance coordination; and any supportive ancillary tasks to the primary scope of services to successfully complete all phases of the project.

In addition, all work shall be conducted to meet or exceed professional standards; comply with PortMiami Security requirements; and PortMiami Design Guidelines.

Agreement Terms and Cost

The estimated total contract amount is two million dollars (\$2,000,000). One (1) consultant/team of firms will be retained under a non-exclusive Professional Services Agreement (PSA) for an effective term of six (6) years, or until the money is depleted, whichever comes first, excluding warranty administration period.

Experience and Qualifications

Interested Professional Engineering Firms are preferred to have five (5) years' experience of similar gantry crane engineering work as described in the project description. This expertise must be met by qualified individual(s) of the prime consultant. The Competitive Selection Committee may negatively evaluate proposals from firms they determine have failed to meet the above experience and qualification(s).

The Prime and/or sub-consultants performing Technical Certifications 12.00 – General Mechanical Engineering, 13.00 – General Electrical Engineering, 16.00 – General Civil Engineering and 17.00 – Engineering Construction Management, must have a minimum of five (5) years working experience on crane manufacturing; crane installation; commissioning; crane lighting systems; crane pits; electrical and sump pump systems.

TECHNICAL CERTIFICATION REQUIREMENTS

5.01 Port and Waterway Systems - Engineering Design (PRIME)

5.05 Port and Waterway Systems - Cargo Terminal Design (PRIME)

5.06 Port and Waterway Systems – Cargo Terminal Equipment Design (PRIME)

12.00	General Mechanical Engineering	13.00	General Electrical Engineering
16.00	General Civil Engineering	17.00	Engineering Construction Management
19.05	Value Analysis and Life Cycle Costing- Port and Waterway Systems		

A copy of the Notice to Professional Consultants (NTPC), forms, and accompanying participation provisions (as applicable) may be obtained at the Internal Services Department's Architectural & Engineering Unit located at 111 NW 1st Street, 13th Floor, Miami, FL 33128. The phone and fax numbers, respectively, for the unit are (305) 375-2307 and (305) 375-4407. A solicitation notification will be forwarded electronically to all consultants who are pre-qualified with Miami-Dade County and have included an e-mail address in their vendor registration form. It will also be e-mailed to those who have vendor enrolled on-line. The NTPC and accompanying documents may be obtained on line at <http://www.miamidade.gov/procurement/solicitations.asp>, at the following link "Solicitations On-Line."

The Consultant Coordinator for this project is Curt Williams, Sr. A/E Consultant Selection Coordinator, who may be contacted via e-mail at Curt.Williams@miamidade.gov or phone: (305) 375-1100.

CONTRACT MEASURE REQUIREMENTS

One (1) Agreement – 2.00% Small Business Enterprise (CBE) Goal

A pre-submittal project briefing for interested firms will be held on December 5, 2016, at 9:30 A.M. in Conference Room 18-3, 18th Floor of the Stephen P. Clark Center, located at 111 NW 1st Street, Miami, Florida. While attendance **IS NOT** mandatory, interested parties **ARE ENCOURAGED** to attend.

Deadline for submission of proposals is December 29, 2016 at 3:30 P.M., LOCAL TIME, all sealed envelopes and containers must be received at Miami-Dade County, Clerk of the Board of County Commissioners, 111 NW 1st Street, 17th Floor, Suite 202, Miami, Florida 33128-1983. BE ADVISED THAT ANY AND ALL SEALED PROPOSAL ENVELOPES OR CONTAINERS RECEIVED AFTER THE ABOVE SPECIFIED RESPONSE DEADLINE MAY NOT BE CONSIDERED.

This solicitation is subject to Miami-Dade County's Cone of Silence pursuant to Section 2-11.1(t) of the Miami-Dade County Code, as amended. Please review Miami-Dade County Administrative Order 3-27 for a complete and thorough description of the Cone of Silence.