

Memorandum



Date: March 27, 2014

To: Lester Sola, Director
Internal Services Department

From: Bill Johnson, Director
PortMiami *Bill Johnson*

Subject: Recommendation for Non-exclusive Professional Services Agreement for Marine Infrastructure Engineering Services, Contract No. E13-SEA-04, Project No. 2013-024

In accordance with Administrative Order 3-39, after six (6) months, all contracts not advertised, must be re-submitted to the Division of Small Business Development (SBD) to establish current availability. SBD previously approved the subject project for a 22% Community Business Enterprise (CBE) Goal on August 7, 2013. Subsequently, PortMiami has revised the technical certification categories to better fit the needs of this scope of work. Therefore, PortMiami requests your assistance in forwarding the re-submittal to SBD for re-evaluation of the CBE measures, to proceed with the advertisement and subsequent bidding of the project.

Professional Services Agreement (PSA) for Marine Infrastructure Engineering Services: 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 (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.

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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:

TC No.	Description	Percentage	Amount
5.05	Port and Waterway Systems – Cargo Terminal Design (Prime)	25%	\$ 825,000.00
5.08	Port and Waterway Systems - Marine Engineering Design (Prime)	56%	\$1,848,000.00
17.00	Engineering Construction Management (Prime)	4%	\$ 132,000.00
5.09	Port and Waterway Systems - Environmental Design	4%	\$ 132,000.00
6.01	Water Distribution and Sanitary Sewage Collection and Transmission Systems	1%	\$ 33,000.00
9.01	Drilling, Subsurface Investigations and Seismographic Services	1%	\$ 33,000.00
9.02	Geotechnical and Materials Engineering Services	2%	\$ 66,000.00
10.01	Stormwater Drainage Design Engineering Services	3%	\$ 99,000.00
13.00	General Electrical Engineering	2%	\$ 66,000.00
15.01	Land Surveying	1%	\$ 33,000.00
15.04	Hydrographic Surveys	1%	\$ 33,000.00
Total Estimated Engineering Fees		100%	\$3,300,000.00

The prime consultant must hold Technical Certifications 5.05 - Port and Waterway Systems – Cargo Terminal Design, 5.08 – Port and Waterway Systems – Marine Engineering Design, and 17.00 – Engineering Construction Management. Interested Professional Firms (Consultants) shall be certified by Miami-Dade County at the time of qualifications submittal in the Technical Certification Categories identified above. 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.

In addition, 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 Prime Consultant and/or subconsultants selected for award of a PSA under ISD

Lester Sola
Director
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Project No. E13-SEA-03 will not be considered for award of a PSA under ISD Project No. E13-SEA-04. Negotiations are currently underway with the selected consultant team for ISD Project No. E13-SEA-03.

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 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. Should you have any questions, please feel free to contact Ms. Elizabeth Ogden, R.A., LEED AP, Chief of A/E Design Services at (305) 347-5521.

Attachments

**DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND
RECOMMENDATION**

Contract/Project Title Marine Infrastructure Engineering Services
 Contract/Project No. E13-SEA-04 / 2013-024
 Description See attached Scope of Work
 Department Seaport Contact Elizabeth Ogden Phone (305) 347-5521
 Estimated Cost 1 Agreement for \$3,300,000.00 Funding Source Seaport Loans

ANALYSIS

Commodity/Service No. _____ SIC _____

Trade/Commodity/Service Opportunities

Contract/Project History of Previous Purchases for Previous Three (3) years

Check Here if this is a New Contract/Purchase with Previous History

	<u>Existing</u>	<u>2nd Year</u>	<u>1st Year</u>
Contractor _____	_____	_____	_____
Ethnicity/Race _____	_____	_____	_____
Gender _____	_____	_____	_____
Contract Value _____	_____	_____	_____
Comments _____	_____	_____	_____

RECOMMENDATIONS

<u>CBE GOAL</u>	<u>BID PREFERENCE</u>	<u>NO MEASURE</u>	
<u>15.00%</u>	<u>N/A</u>	_____	
<u>Analysis for Goal Recommendation</u>			
<u>Sub-Trade</u>	<u>Est. Cost</u>	<u>% of Item to Base Bid</u>	<u>Availability</u>
<u>5.05 Port & Waterway Systems –Cargo Terminal Design (Prime)</u>	<u>\$ 825,000.00</u>	<u>25%</u>	_____
<u>5.08 Port and Waterway Systems - Marine Engineering Design (Prime)</u>	<u>\$ 1,848,000.00</u>	<u>56%</u>	_____
<u>17.00 Engineering Construction Management (Prime)</u>	<u>\$ 132,000.00</u>	<u>4%</u>	_____
<u>5.09 Port & Waterway Systems – Environmental Design</u>	<u>\$ 132,000.00</u>	<u>4%</u>	<u>>3</u>
<u>6.01 Water Distribution and Sanitary Sewage Collection and Transmission Systems</u>	<u>\$ 33,000.00</u>	<u>1%</u>	<u>>3</u>
<u>9.01 Drilling, Subsurface Investigations and Seismographic Services</u>	<u>\$ 33,000.00</u>	<u>1%</u>	<u>>3</u>
<u>9.02 Geotechnical and Materials Engineering Services</u>	<u>\$ 66,000.00</u>	<u>2%</u>	<u>>3</u>
<u>10.01 Stormwater Drainage Design Engineering Services</u>	<u>\$ 99,000.00</u>	<u>3%</u>	<u>>3</u>

RECOMMENDATIONS

Analysis for Goal Recommendation

<u>Sub-Trade</u>	<u>Est. Cost</u>	<u>% of Item to Base Bid</u>	<u>Availability</u>
<u>13.00 General Electrical Engineering</u>	<u>\$ 66,000.00</u>	<u>2%</u>	<u>>3</u>
<u>15.01 Land Surveying</u>	<u>\$ 33,000.00</u>	<u>1%</u>	<u>>3</u>
<u>15.04 Hydrographic Surveys</u>	<u>\$ 33,000.00</u>	<u>1%</u>	<u>>3</u>
<u>Total</u>	<u>\$ 3,300,000.00</u>	<u>100%</u>	<u></u>

Basis for Recommendation



By: PortMiami

Date to SBA/DPM