

SBD - CM Review Form

To:	Project Review and Analysis - A&E		
From:	SBD CM - Eddy V. Etienne Jr.		
Department:	Port of Miami	Contact:	Gyselle Pino
Date:	7/24/2018	Resubmittal:	No

PROJECT NUMBER:	Contract No. E18-SEA-01, Project No. 2018-005
PROJECT TITLE:	Professional Services Agreement for Marine Infrastructure Engineering Services (2)
PROJECT LOCATION:	Port Miami

SCOPE OF WORK/DESCRIPTION: PortMiami requires non-exclusive professional services for a wide range of 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, including but not limited to: wharves; bulkheads; seawalls; roll-on/roll-off platforms; 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 storm bollards; fenders; runways and railways; ramps and aprons; 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. PortMiami intends to retain two (2) consultants under separate, but identical non-exclusive PSAs. Each PSA will be for five (5) years with a maximum compensation set at \$3,300,000.00 each, which includes the 10% contingency. No minimum amount of work or compensation will be guaranteed to the selected Consultants.

The Consultants 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; hydrographic surveys, ground radar penetration services, design criteria; designs and specifications; drainage, structural, electrical, telecommunications, and water distribution engineering; value engineering coordination; construction documents; environmental and building permitting; coordination with regulatory agencies; bidding assistance; and construction phase engineering and inspection services 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 PortMiami, the Consultants 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. In addition, the Consultants shall provide non-engineering services, which consist of technical presentations and reports; shipping studies, vessel simulation, the collection of squat calculations for inbound vessels, vessel modeling capabilities, general construction management, scheduling, cost estimation, diving services, underwater observation services, and document control.

PortMiami may request Consultants' services on an as-needed basis through the issuance of Work Orders for the required work to be performed and the estimated fees to be paid for the services authorized pursuant to the scope of services. There is no guarantee that any or all of the services described in this agreement will be assigned during the term of the agreement. Further, the Consultants are providing these services on a non-exclusive basis. PortMiami, at its option, may elect to have any of the services set forth herein performed by other Consultants or PortMiami staff.

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SPECIAL REQUIREMENTS: The Prime Consultants must hold Technical Certifications in Categories 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 (County) at the time of qualifications submittal in the Technical Certification Categories identified above. The Prime Consultant is preferred to have experience in five (5) projects of similar work described above performed at a similarly sized seaport facility over the past ten (10) years. 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 of the individual’s qualifications and compliance with the experience and qualifications shall be at the sole discretion of the County.

The Prime Consultant selected for this contract will also be required to understand and phase their projects around the Port’s ship berthing positions and schedules, security zones / operations and our transportation needs and challenges. Additionally, their projects will include designing bulkheads, wharfs, bollards, tie-downs, and runways. It is critical that the Prime Consultant has experience in these areas and that consideration of PortMiami operations are integrated into their designs.

CATEGORIES	PERCENTAGE	COMMENTS
PRIME		
5.05 Port and Waterway Systems – Cargo Terminal Design	28.00%	*Must meet project special requirements
5.08 Port and Waterway Systems – Marine Engineering Design	50.00%	
17.00 Engineering Construction Management	2.00%	
SUB-CONSULTANT		
3.12 Highway Systems - Underwater Engineering Inspection	1.00%	*Possible opportunities for Small Businesses
5.04 Port and Waterway Systems – Cruise Terminal Equipment Design	3.00%	
5.09 Port and Waterway Systems – Environmental Design	1.00%	
6.01 Water Distribution and Sanitary Sewage Collection and Transmission Systems	1.00%	
8.00 Telecommunications	1.00%	
9.01 Soils, Foundations and Materials Testing- Drilling, Subsurface Investigations and Seismographic Services	1.00%	
9.02 Soils, Foundations and Materials Testing- Geotechnical and Materials Engineering Services	1.00%	
9.03 Soils, Foundations and Materials Testing- Concrete and Asphalt Testing Services	1.00%	
10.01 Environmental Engineering - Stormwater Drainage Design Engineering Services	2.00%	

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13.00 General Electrical Engineering	2.00%	
15.01 Surveying and Mapping - Land Surveying	1.00%	
15.04 Surveying and Mapping-Hydrographic Surveys	1.00%	
61500 Office Supplies	0.25%	
20700 Computer Accessories and Supplies	0.25%	
96600 Printing and Typesetting Services	0.50%	
Other Non-engineering Services	3.00%	
Total Estimated Professional Fees		\$6,600,000.00

Small Business Development CM Signature:  Date: 7-24-18

***Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM**
Port Miami is recommending 15% SBE A&E Goal

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