

## SBD - CM Review Form

<b>To:</b>	Project Review and Analysis - A&E		
<b>From:</b>	SBD CM - Eddy V. Etienne Jr.		
<b>Department:</b>	PortMiami	<b>Contact:</b>	Elizabeth Ogden
<b>Date:</b>	9/10/2018	<b>Resubmittal:</b>	No

<b>PROJECT NUMBER:</b>	Contract No. E18-SEA-02, Project No. 2018-016
<b>PROJECT TITLE:</b>	Non-exclusive Professional Services Agreement for Environmental Services
<b>PROJECT LOCATION:</b>	

**SCOPE OF WORK/DESCRIPTION:** The environmental port services will consist of environmental training/awareness programs; stormwater management program; Green Port Program initiatives which may include, but not limited to: energy efficiency design and monitoring, air emissions inventory and monitoring, and sustainability report and monitoring; community involvement programs; grant solicitation and implementation; tenant environmental audits, assessments, investigations and impact statements as often mandated by various permit planning requirements and environmental regulatory permit conditions; environmental resource surveys, monitoring, statistical analysis and preparation of detailed biological reports for marine resources and potential marine mitigation projects; mitigation project planning, design, post-design services and permitting following all regulatory authorities having jurisdiction; geotechnical investigations; hydrographic and bathymetric surveys; environmental permitting of Capital Improvement Projects from all regulatory authorities having jurisdiction; port planning elements in consideration of various property constraints based on both physical and environmental conditions, intended site development objectives, maximizing existing land use, navigational constraints, dredging requirements, and limitations including those stemming from potential regulatory permitting conditions; Shoreline Review Committee; stormwater planning and design; design services including the development of construction documents in conformance with contract documents and suitable for permitting, advertisement, bid phase services, construction and permit close-out; and any supportive ancillary tasks to the primary scope of services that may include, but is not limited to providing all necessary investigations; surveys; site investigations; resource surveys; cost estimates; schedule; value engineering coordination; construction documents; constructability review, bidding assistance; site visits; inspections; construction management/administration and any supportive ancillary tasks to the primary scope of services to successfully complete all 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.

**SPECIAL REQUIREMENTS:** A/E Technical Certification Categories required:

TC No.	Description	Percentage	Amount
5.08	Port and Waterways Systems - Marine Engineering Design (PRIME)	10%	
5.09	Port and Waterway Systems – Environmental Design (PRIME)	70%	
17.00	Engineering Construction Management (PRIME)	5%	
9.02	Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services	1%	
10.01	Environmental Engineering - Stormwater Drainage Design Engineering Services	3%	
10.10	Environmental Engineering - Coastal Processes and Ocean Engineering	2%	

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15.04 Surveying and Mapping - Hydrographic Surveys 3%

16.00 General Civil Engineering 5%

N/A/Other - SBE G&S Construction Cost Estimating 1%

The Prime Consultant must hold Technical Certifications 5.08 - Port and Waterways Systems - Marine Engineering Design, 5.09 - Port and Waterway Systems - Environmental 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 Category identified above.

The Prime Consultant is preferred to have experience in three (3) 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 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.

Comparable maritime environmental permitting projects, to include bulkheads and infill permitting projects, and Biscayne Bay mitigation projects. This expertise must be met by qualified individual(s) of the prime consultant's team. 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 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
<b>PRIME</b>		
5.08 - Port and Waterways Systems - Marine Engineering Design (PRIME)	10.00%	Must meet project special requirements.
5.09 - Port and Waterway Systems - Environmental Design (PRIME)	70.00%	
17.00 - Engineering Construction Management (PRIME)	5.00%	
<b>SUB-CONSULTANT</b>		
9.02 - Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services	1.00%	** Possible opportunities for Small Businesses.
10.01 - Environmental Engineering - Stormwater Drainage Design Engineering Services	3.00%	
10.10 - Environmental Engineering - Coastal Processes and Ocean Engineering	2.00%	
15.04 - Surveying and Mapping - Hydrographic Surveys	3.00%	
16.00 - General Civil Engineering	5.00%	
G&S Construction Cost Estimating	1.00%	
<b>Total Estimated Professional Fees</b>	<b>\$3,500,000.00</b>	

Small Business Development CM Signature:  Date: 9-10-18

\*Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM  
PortMiami is recommending **15%**

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