

**SBD - CM REVIEW FORM**

**To:** Business Opportunity Support Division - A/E  
**From:** SBD CM - Vivian Forhat-Diaz  
**Department:** SEA **Contact:** Elizabeth Ogden  
**Date:** 03/06/14 **RESUMITTAL:** Yes

**PROJECT NUMBER:** E13-SEA-04 (2013-024)  
**PROJECT TITLE:** Professional Services Agreement for Marine Infrastructure Engineering Services  
**PROJECT LOCATION:** Port of Miami

**SCOPE OF WORK/DESCRIPTION:** 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 scope also include 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.

**SPECIAL REQUIREMENTS:**  
**Prime Consultant** must hold Technical Categories 5.05, 5.08 and 17.00 and shall have 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.

CATEGORIES	PERCENTAGE	COMMENTS
<b>PRIME</b>		
5.05 Port and Waterway Systems – Cargo Terminal Design (PRIME)	25%	Must meet special requirements; *Possible Small Business Participation
5.08 Port and Waterway Systems – Marine Engineering Design (PRIME)	56%	
17.00 Engineering Construction Management (PRIME)	4%	
<b>Sub-Consultant</b>		
5.09 Port and Waterway Systems – Environmental Design	4%	*Possible Small Business Participation

Small Business Development Signature: *Vivian Forhat-Diaz* Date: 03/10/14

\*Categories identified for Small Business participation by SBD CM

SEA is recommending 15% CBE goal participation

Project No.: **E13-SEA-04** (Continuation)

CATEGORIES	PERCENTAGE	COMMENTS
<b>Sub-Consultant</b>		
6.01 Water and Sanitary Sewer System-Water Distribution and Sanitary Sewage Collection and Transmission Systems	1%	*Possible Small Business Participation
9.01 Soils, Foundations and Material Testing – Drilling, Subsurface Investigations and Seismographic Services	1%	
9.02 Soils, Foundations and Material Testing-Geotechnical and Materials Engineering Services –	2%	
10.01 Environmental Engineering – Stormwater Drainage Design Engineering Services	3%	
13.00 General Electrical Engineering	2%	
15.01 Surveying and Mapping – Land Surveying	1%	
15.04 Surveying and Mapping – Hydrographic Surveys	1%	
	100%	
<b>MAXIMUM AWARD</b>	<b>\$3,300,000.00</b>	

SEA is recommending **15% CBE** goal participation.