

Memorandum



Date: November 2, 2012

To: Jack Osterholt, Deputy Mayor/Director
Regulatory and Economic Resources

From: Bill Johnson, Director *Bill Johnson*
PortMiami

Subject: Recommendation for Non-exclusive Professional Services Agreement for
PortMiami Deep Dredge Monitoring Services, Contract No. E12-SEA-03;
Project No. 1999-027

Your assistance in reviewing this request and forwarding the attached recommendation to the Division of Small Business Development (SBD) for consideration is respectfully requested.

It is recommended that SBD review the attached request for Community Business Enterprise (CBE) measures for this project, in order to proceed with the advertisement and subsequent bidding of the project.

Professional Services Agreement (PSA) for PortMiami Deep Dredge Monitoring Services:
The Consultant shall provide monitoring services related to the Miami Harbor deepening project. These services consist of, but may not be limited to: monitoring corals after relocation; monitoring at both the high and low relief mitigation sites to account for colonization and biological success; and monitoring the Julia Tuttle seagrass mitigation site for coalescence and biological success, potential secondary impact resource monitoring and mitigation design, and other services related to the Deep Dredge project. Monitoring efforts will be in accordance with Miami-Dade County/Florida Department of Environmental Protection (FDEP) Local Sponsor Agreement executed on May 16, 2012, and corresponding FDEP Permit 0305721-001-BI.

Services for the above scope include, but are not limited to: monitoring of reef mitigation sites, which involves permanent transect establishment and monitoring, monitoring reports, providing a five year survey, and success evaluation; monitoring of relocated Scleractinian and Acropora corals, which involves, referencing colonies, re-locating corals, monitoring reports, and success evaluation; monitoring of seagrass mitigation site, which involves monitoring methods such as initial short shoot counts (to be averaged), seagrass edge, visual percent coverage, etc., and permanent transects after coalescent, monitoring reports, and success evaluation; monitoring of resources adjacent to the channel, which involves a seagrass impact site if there are unanticipated impacts and monitoring reports, reef and hard bottom communities if there are unanticipated impacts and monitoring reports; and any supportive ancillary tasks primary to the Deep Dredge project.

RECEIVED
DEPT. BUSINESS DEV.

2012 NOV -5 PM 2:46

A/E Technical Certification Categories required:

TC No.	Description	Percentage	Amount
5.09	Port and Waterway Systems - Environmental Design (Prime)	60%	\$ 1,800,000.00
10.03	Environmental Engineering – Biology Services	30%	\$ 900,000.00
10.10	Coastal Process and Ocean Engineering	8%	\$ 240,000.00
15.04	Surveying – Hydrographic Surveying	2%	\$ 60,000.00
Total Estimated Fees		100%	\$ 3,000,000.00

Interested Professional Firms (Consultants) shall be certified by Miami-Dade County at the time of qualifications submittal in the Technical Certification (TC) Categories identified above. The prime consultant must hold TC 5.09 – Port and Waterways - Environmental Design. Interested Professional Consulting Firms must have relevant experience with a minimum of three (3) comparable monitoring projects. This expertise must be met by qualified individual(s) of the prime consultant's team. Interested professional firms (consultants) must include in their proposal package, a probable table of organization for, at a minimum, the following three monitoring efforts:

- (1) Artificial Reef Mitigation Sites
- (2) Relocated Scleractinian and Acropora Corals
- (3) Seagrass Mitigation Site

The consultant(s) providing TC 10.03 – Environmental Engineering – Biology Services must have documented experience as a marine biologist, to be included in the submittal package, monitoring successful artificial reefs; successful coral relocation coral projects; and at least one successful seagrass mitigation project.

Due to the technical nature of this project, PortMiami requests that documented experience of the consultants providing TCs 5.09 and 10.03 be included in the consultant's responses to SBD's Request for Availability.

The CBE Goal recommendation is 8.00%. The Agreement will be in the approximate amount of \$3,000,000.00, which includes the 10% contingency, and shall remain in effect for a total of five (5) years with an option to extend for two additional one (1) year periods.

Should you have any questions, please feel free to contact Mr. Dorian K. Valdes, P.E., Assistant Port Director of Capital Development at (305) 347-4802.

Attachment

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

Contract/Project Title PortMiami Deep Dredge Monitoring Services
 Contract/Project No. E12-SEA-03/ 1999-027
 Description See attached Scope of Work
 Department PortMiami Contact Becky Hope Phone (305) 347-4972
 Estimated Cost 1 Agreement for \$3,000,000.00 Funding Source FDOT and 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

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

RECOMMENDATIONS

<u>CBE GOAL</u>	<u>BID PREFERENCE</u>	<u>NO MEASURE</u>	
8.00%	N/A		
<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>5.09 Port & Waterway Systems - Environmental Design (Prime)</u>	<u>\$ 1,800,000.00</u>	<u>60%</u>	_____
<u>10.03 Environmental Engineering - Biology Services</u>	<u>\$ 900,000.00</u>	<u>30%</u>	_____
<u>10.10 Coastal Processes and Ocean Engineering</u>	<u>\$ 240,000.00</u>	<u>8%</u>	<u>>3</u>
<u>15.04 Surveying – Hydrographic Surveying</u>	<u>\$ 60,000.00</u>	<u>2%</u>	_____
<u>Total</u>	<u>\$ 3,000,000.00</u>	<u>100%</u>	_____
<u>Basis for Recommendation</u> _____			
By: <u>PortMiami</u>		Date to SBA/DPM _____	

**MIAMI-DADE COUNTY, FLORIDA
NOTICE TO PROFESSIONAL CONSULTANTS (NTPC)
MIAMI-DADE SEAPORT DEPARTMENT (SEA)
ENVIRONMENTAL SERVICES FOR**

PORTMIAMI DEEP DREDGE MONITORING SERVICES

**E12-SEA-03
Project Number 1999-027**

1.2 SCOPE OF SERVICES

The Seaport Department is requesting one (1) Non-exclusive Professional Services Agreement (PSA) for Monitoring Services related to the Miami Harbor deepening project. These services consist of monitoring corals after relocation, monitoring at both the high and low relief mitigation sites to account for colonization and biological success, and monitoring the Julia Tuttle seagrass mitigation site for coalescence and biological success, potential secondary impact resource monitoring and mitigation design, and other services related to the Deep Dredge project. Monitoring efforts will be in accordance with the Miami-Dade County/Florida Department of Environmental Protection (FDEP) Local Sponsor Agreement executed on May 16, 2012, and corresponding FDEP Permit 0305721-001-BI.

Services for the above scope may include, but are not limited to:

- 1) Monitoring of reef mitigation sites
 - i) Permanent transect establishment and monitoring
 - ii) Monitoring reports
 - iii) Five year survey
 - iv) Success evaluation
- 2) Monitoring of relocated Scleractinian and Acropora corals
 - i) Reference colonies
 - ii) Re-located Corals
 - iii) Monitoring reports
 - iv) Success evaluation
- 3) Monitoring of seagrass mitigation site
 - i) Monitoring methods
 - (a) Initial short shoot counts (to be averaged), seagrass edge, visual percent coverage, etc.
 - (b) Permanent transects after coalescent
 - ii) Monitoring reports
 - iii) Success evaluation
- 4) Monitoring of resources adjacent to the channel
 - i) Seagrass impact site
 - (a) If there are unanticipated impacts
 - (b) Monitoring reports
 - ii) Reef and Hard bottom communities
 - (a) If there are unanticipated impacts
 - (b) Monitoring reports

Interested professional firms (consultants) must have relevant experience with a minimum of three (3) comparable monitoring projects. Interested professional firms (consultants) must include in the proposal package include a table of organization for, at a minimum, the following three monitoring efforts:

- (1) Artificial Reef Mitigation Sites
- (2) Relocated Scleractinian and Acropora Corals
- (3) Seagrass Mitigation Site

Interested Professional Firms (Consultants) shall be certified by Miami-Dade County at the time of qualification submittal in the following Technical Categories and Sub-Categories.

The term of the contract is for five (5) years, with the option to extend for an additional two, one (1) year periods for up to seven (7) years duration.

Experience Qualification(s)

The experience and qualification(s) denoted below must be met by qualified individual(s) of the prime consultant's team:

- 1) The consultant(s) providing the technical category 10.03 must have documented experience as a marine biologist, to be included in the submittal package, monitoring successful artificial reefs; successful coral relocation coral projects; and at least one successful seagrass mitigation project.

1.6 A/E TECHNICAL CERTIFICATION REQUIREMENTS

5.09 Port and Waterway Systems – Environmental Design (Prime)	60%
10.03 Biological Services	30%
10.10 Coastal Processes and Ocean Engineering	8%
15.04 Hydrographic Surveying	2%
\$ 3,000,000 fees	100%

1.7 CONTRACT MEASURE(S)

The Miami-Dade County Community Business Enterprises (CBE) contract participation provisions (Exhibit A) are as follows:

- 1 Agreement – 8% CBE Sub-Consultant Goal

Due to the technical nature of this project, the user Department needs to see the experience of the consultants providing technical category 5.09 and 10.03 as noted above after receipt of the consultant's availability.