

Memorandum



Date: OCTOBER 13, 2020

To: Gary Hartfield, Division Director
Small Business Development

From: Juan Kuryla, Director
PortMiami

Subject: Recommendation for Non-exclusive Professional Services Agreement for Construction, Engineering and Inspection Services, Contract No. E20-SEA-02, Project No. 2020-011

PortMiami respectfully requests that the Division of Small Business Development (SBD) evaluate Contract No. E20-SEA-02/ Project No. 2020-011 - Construction, Engineering and Inspection (CEI) Services, to assign Small Business Enterprise (SBE) measures, in order to proceed with the advertisement and subsequent bidding of the project.

Scope of Services

PortMiami intends to award two (2) Professional Services Agreements (PSAs) for Construction, Engineering and Inspection (CEI) Services. Consultant(s) shall provide a professional team to support construction project management inclusive of engineering management, design management and general project management responsibilities during the Port's expansive development program. Consultant(s) shall assist in overseeing approximately \$1.2 billion worth of new infrastructure and facilities that are projected to be completed over the next five (5) years, that coincides with the expected new cruise services, and cargo yard efficiencies and improvements. These projects include, but are not limited to, five (5) new cruise terminal(s), new cruise berthing facilities, upgrades and expansions of existing cruise terminals, and other significant investments in cargo terminal yards, gantry cranes, gate complexes, Ropax facilities, roadways, rail systems and supporting infrastructure. 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 of \$4,400,000.00, and includes a ten percent (10%) contingency. No minimum amount of work or compensation will be guaranteed.

The selected CEI consulting team(s) shall provide all professional services, including, but not limited to, design/specification and bid document development support services, plan and specification review services, code analysis/jurisdictional review and permitting assistance, procurement/ contract award support and concurrence, contract negotiation and administration support services, geotechnical and material testing analyses, construction safety and security, inspection/construction observation and progress documentation, scheduling, construction cost estimating and review, invoice review, funding drawdown analysis, project close-out, post construction surveys and related services, damage assessment and support services for remediation construction documents, claims analysis and support, contract compliance and quality control services, computer-aided and manually generated graphics support, preparation of narratives and other textual project support, photographic and video-graphic project support, underwater inspection, conflict resolution, construction schedule analysis, value engineering, Building Information Modeling (BIM) project support, Geographic Information Systems (GIS) project support, Leadership in Energy and Environmental Design (LEED) certification, LEED construction consulting services, and associated assistance with the LEED process.

A/E Technical Certification Categories required:

TC No.	Description	Percentage	Amount
5.01	Port and Waterway Systems - Engineering Design (Prime)	12.00%	\$1,056,000.00
5.02	Port and Waterway Systems - Architectural Design (Prime)	12.00%	\$1,056,000.00
17.00	Engineering Construction Management (Prime)	10.00%	\$880,000.00
18.00	Architectural Construction Management (Prime)	10.00%	\$880,000.00
1.04	Transportation Planning - Port and Waterway Systems Planning	2.00%	\$176,000.00
3.01	Highway Systems - Site Development and Parking Lot Design	1.00%	\$88,000.00
3.02	Highway Systems - Major Highway Design	1.00%	\$88,000.00
5.03	Port and Waterway Systems - Cruise Terminal Design	2.00%	\$176,000.00
5.04	Port and Waterway Systems - Cruise Terminal Equipment Design	2.00%	\$176,000.00
5.05	Port and Waterway Systems - Cargo Terminal Design	2.00%	\$176,000.00
5.06	Port and Waterway Systems - Cargo Terminal Equipment Design	2.00%	\$176,000.00
5.07	Port and Waterway Systems - Security Systems	2.00%	\$176,000.00
5.08	Port and Waterway Systems - Marine Engineering Design	2.00%	\$176,000.00
5.09	Port and Waterway Systems - Environmental Design	2.00%	\$176,000.00
5.10	Port and Waterway Systems - Transportation Systems Design	2.00%	\$176,000.00
9.02	Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services	1.00%	\$88,000.00
9.03	Soils, Foundations and Materials Testing - Concrete and Asphalt Testing Services	1.00%	\$88,000.00
9.05	Soils, Foundations and Materials Testing - Roof Testing and Consulting	1.00%	\$88,000.00
10.10	Environmental Engineering - Coastal Processes and Ocean Engineering	1.00%	\$88,000.00
11.00	General Structural Engineering	5.00%	\$440,000.00
12.00	General Mechanical Engineering	5.00%	\$440,000.00
13.00	General Electrical Engineering	5.00%	\$440,000.00
14.00	Architecture	2.00%	\$176,000.00
15.01	Land Surveying	1.00%	\$88,000.00
15.03	Underground Utility Location	2.00%	\$176,000.00
16.00	General Civil Engineering	5.00%	\$440,000.00
19.05	Value Analysis and Life-Cycle Costing - Port & Waterways Systems	1.00%	\$88,000.00
22.00	ADA Title II Consultant	1.00%	\$88,000.00
26.00	Claims Analysis Services	5.00%	\$440,000.00
	Total Estimated Consultant Fees	100.00%	\$8,800,000.00

Prime consultant(s) must hold technical certifications 5.01 – Port and Waterway Systems – Engineering Design, 5.02 – Port and Waterway Systems – Architectural Design, 17.00 – Engineering Construction Management and 18.00 – Architectural Construction Management. Prime consultant(s) is preferred to have at least five (5) years experience in the required technical certification categories. Prior to commencement of work, prime consultant(s) must apply for PortMiami's identification cards and Transportation Worker Identification Credential (TWIC) for employees that will work at the Port. Prime consultant(s) will have to pass and uphold security and vehicle credentials for the duration of the Agreement.

Sub-consultants are preferred to have at least five (5) years experience in their respective technical certifications. Prior to commencement of work, sub-consultants must apply for PortMiami's identification cards and TWIC for employees that will work at the Port. Sub-consultants will have to pass and uphold security and vehicle credentials for the duration of the Agreement.

The prime and sub-consultants participating in this CEI services will not be considered for any new PortMiami architectural and/or engineering design PSA during the term of the Agreement. This restriction does not apply to technical categories 9.02 (Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services), 9.03 (Soils, Foundations and Materials Testing - Concrete and Asphalt Testing Services), 9.05 (Soils, Foundations and Materials Testing - Roof Testing and Consulting), 15.01 (Surveying and Mapping - Land Surveying) and 15.03 (Surveying and Mapping - Underground Utility Location). Work will be assigned at PortMiami's discretion to avoid potential conflicts of interest. The CEI consultant shall provide full disclosure within its proposal of any contracts in which it is either: (1) a prime consultant to Miami-Dade County at PortMiami, or (2) a sub-consultant on any projects at PortMiami for architectural and/or engineering design services that have not received a certificate of completion from the permitting agency.

The Small Business Enterprise (SBE) goal recommendation for each PSA is 17.00%, for architectural and engineering services. The cost of each PSA will be in the amount of \$4,400,000, for a combined total amount of \$8,800,000, which includes a ten percent (10%) contingency, and shall remain in effect for a total of five (5) years. Should you have any questions, please feel free to contact Ms. Elizabeth Ogden, R.A., LEED AP, Assistant Port Director, Capital Development at (305) 347-5521.

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

Contract/Project Title Construction, Engineering and Inspection Services
 Contract/Project No. Contract No. E20-SEA-02 / Project No. 2020-011
 Description See attached Scope of Work
 Department Seaport Contact Elizabeth Ogden Phone (305) 347-5521
 Estimated Cost 2 Agreements for \$4,400,000.00 each, (\$8.8M) Funding Source: Future Financing

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>SBE A&E GOAL</u>	<u>BID PREFERENCE</u>	<u>NO MEASURE</u>
<u>17.00%</u>	<u>N/A</u>	_____
<u>SBE G&S GOAL</u>	<u>BID PREFERENCE</u>	<u>NO MEASURE</u>
_____	<u>N/A</u>	<u>X</u>

Analysis for Goal Recommendation

<u>Sub-Trade</u>	<u>Est. Cost</u>	<u>% of Item to Base Bid</u>	<u>Availability</u>
<u>5.01 Port & Waterway Systems - Engineering Design (Prime)</u>	<u>\$ 1,056,000.00</u>	<u>12%</u>	<u>>3</u>
<u>5.02 Port & Waterway Systems - Architectural Design (Prime)</u>	<u>\$ 1,056,000.00</u>	<u>12%</u>	<u>>3</u>
<u>17.00 Engineering Construction Management (Prime)</u>	<u>\$ 880,000.00</u>	<u>10%</u>	<u>>3</u>
<u>18.00 Architectural Construction Management (Prime)</u>	<u>\$ 880,000.00</u>	<u>10%</u>	<u>>3</u>
<u>1.04 Transportation Planning – Port and Waterway Systems Planning</u>	<u>\$ 176,000.00</u>	<u>2%</u>	<u>3</u>
<u>3.01 Highway Systems – Site Development and Parking Lot Design</u>	<u>\$ 88,000.00</u>	<u>1%</u>	<u>>3</u>
<u>3.02 Highway Systems – Major Highway Design</u>	<u>\$ 88,000.00</u>	<u>1%</u>	<u>>3</u>
<u>5.03 Port & Waterway Systems – Cruise Terminal Design</u>	<u>\$ 176,000.00</u>	<u>2%</u>	<u>>3</u>
<u>5.04 Port & Waterway Systems – Cruise Terminal Equipment Design</u>	<u>\$ 176,000.00</u>	<u>2%</u>	<u>>3</u>
<u>5.05 Port & Waterway Systems – Cargo Terminal Design</u>	<u>\$ 176,000.00</u>	<u>2%</u>	<u>3</u>
<u>5.06 Port & Waterway Systems – Cargo Terminal Equipment Design</u>	<u>\$ 176,000.00</u>	<u>2%</u>	<u><3</u>

5.07 Port & Waterway Systems – Security Systems	\$ 176,000.00	2%	>3
5.08 Port & Waterway Systems – Marine Engineering Design	\$ 176,000.00	2%	>3
5.09 Port & Waterway Systems – Environmental Design	\$ 176,000.00	2%	>3
5.10 Port & Waterway Systems – Transportation Systems Design	\$ 176,000.00	2%	
9.02 Soils, Foundations and Materials Testing- Geotechnical and Materials Eng. Services	\$ 88,000.00	1%	>3
9.03 Soils, Foundations and Materials Testing- Concrete and Asphalt Testing Services	\$ 88,000.00	1%	>3
9.05 Soils, Foundations and Materials Testing- Roof Testing and Consulting Services	\$ 88,000.00	1%	
10.10 Environmental Engineering - Coastal Processes and Ocean Engineering	\$ 88,000.00	1%	>3
11.00 General Structural Engineering	\$ 440,000.00	5%	>3
12.00 General Mechanical Engineering	\$ 440,000.00	5%	>3
13.00 General Electrical Engineering	\$ 440,000.00	5%	>3
14.00 Architecture	\$ 176,000.00	2%	>3
15.01 Surveying and Mapping – Land Surveying	\$ 88,000.00	1%	>3
15.03 Surveying and Mapping – Underground Utility Location	\$ 176,000.00	2%	>3
16.00 General Civil Engineering	\$ 440,000.00	5%	>3
19.05 Value Analysis and Life-Cycle Costing- Port and Waterway Systems	\$ 88,000.00	1%	<3
22.00 ADA Title II Consultant	\$ 88,000.00	1%	>3
26.00 Claims Analysis Services	\$ 440,000.00	5%	>3

Total \$ 8,800,000.00 100%

Basis for Recommendation See attached.

By: Seaport Department

Date to SBA/DPM