


Memorandum



Date: April 14, 2022

To: Gary Hartfield, Division Director
Small Business Development

From: Hydi Webb, Port Director 
PortMiami

Subject: Recommendation for Construction Contract Services for Shore Power For Terminals,
Contract No. / Project No. 2021-010

PortMiami respectfully requests that the Division of Small Business Development (SBD) evaluate Project No. 2021-010 - Shore Power For Terminals, to assign Small Business Enterprise (SBE) and Community Workforce Program measures.

Shore Power For Terminals: Provide five (5) PortMiami cruise terminals (Cruise Terminals A, AA/AAA, B, F, and V) with shore power. The Shore Power System includes: containerized shore power substations; switching equipment to be able to share three (3) shore power services between five (5) cruise terminals; service equipment (FPL); cable management systems at each berth; and associated ductbank/conduits and cables to interconnect the aforementioned components of the system. The project also includes the aesthetic of the shore power equipment; the structural design associated with the shore power equipment; and the service and operation of this equipment for three (3) years.

The construction cost estimate for the project is \$94,848,965.94, which includes 10% contingency.

The SBE goal recommendation for all three (3) measures is 0.00%, due to this project being funded by the United States Environmental Protection Agency (EPA) - Diesel Emission Reduction Act (DERA) National Grants - Grant No., (FAIN) DE-02D12321 and the Florida Department of Transportation (FDOT) - Grant No. G1Q07 (Financial Project No. 433363-1-94-05) for PortMiami Cruise Terminal Improvements.

We appreciate your assistance, in order to proceed with the advertisement and subsequent bidding of the project. Should you have any questions, please feel free to contact Mrs. Gyselle Pino, Chief of Contracts, Procurement & Materials Management at (305) 347-4833.

Attachments

DEPARTMENT INPUT
CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Check applicable Ordinance(s): 90-143 Responsible Wage and Benefits 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment

Contract/Project/*Work Order No.: 2021-010

*Reference corresponding project number when submitting a work order

Contract/Project Title: Shore Power For Terminals

Description/Scope of Work: See attached

Estimated Cost: \$94,848,965.94 **Funding Source:** EPA / FDOT / Future Financing

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.
1015 N. America Way, Miami, FL 33132

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment

Engineer/Department or Agency's estimated required workforce for Project Work Order :

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job
N/A		

Comments: _____

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
N/A			

RECOMMENDATION

Set-Aside: Level 1 Level 2 Level 3 Trade Set-Aside Sub-Contractor Goal Workforce Goal No Measure

Basis for Recommendation: No measures are recommended due to funding sources from EPA and FDOT.

Date submitted to DBD: _____

Contact Person: Gyselle Pino

Telephone No.: (305) 347-4833

2021-010 Shore Power for Terminals				
IF THIS PROPOSAL IS ACCEPTED, THE BIDDER AGREES TO COMPLETE ALL WORK UNDER THIS CONTRACT WITHIN THE CONTRACT DURATION SPECIFIED IN THE SPECIAL PROVISIONS.				
Item No.	Division of Work / Scope	Unit	Quantity	Total Price
1	General Requirements -Includes, but not limited to the following: Bond, Insurance, Mobilization, Project Personnel, Project Trailers, Scheduling, Survey	LS	1	\$ 9,677,319.00
2	CT-V - Includes, but not limited to the following: Furnish & Install Substation Transformer Package and Foundation, Switchgear, Structural Steel Access/Maintenance Platforms, Duct Banks associated with CT-V, Conductor Cable, Fiber Optic Cable, Control Cable, Hand Holes, Manholes, Grounding, all within the CT-V Area on Landside.	LS	1	\$ 8,034,976.24
3	CT-F - Includes, but not limited to the following: Furnish & Install Substation Transformer Package and Foundation, Switchgear, Structural Steel Access/Maintenance Platforms, Duct Banks associated with CT-F, Conductor Cable, Fiber Optic Cable, Control Cable, Hand Holes, Manholes, Grounding, Connector Pits, all within the CT-F Area Landside.	LS	1	\$ 8,192,706.08
4	CT-B - Includes, but not limited to the following: Furnish & Install Substation Transformer Package and Foundation, Switchgear, Structural Steel Access/Maintenance Platforms, Duct Banks associated with CT-B, Conductor Cable, Fiber Optic Cable, Control Cable, Hand Holes, Manholes, Grounding, Connector Pits, all within the CT-B Area Landside.	LS	1	\$ 10,054,433.47
5	CT-A - Includes, but not limited to the following: Furnish & Install Substation Transformer Package and Foundation, Switchgear, Structural Steel Access/Maintenance Platforms, and Duct Banks and directional bore associated with CT-A, Conductor Cable, Fiber Optic Cable, Control Cable, Hand Holes, Manholes, Grounding, Connector Pits, all within the CT-A Area Landside.	LS	1	\$ 12,739,360.87
6	Alternate item MSC - Includes, but not limited to the following: Furnish & Install Substation Transformer Package, Switchgear, Structural Steel Access/Maintenance Platforms, Conductor Cable, Fiber Optic Cable, Control Cable, Grounding, all within the MSC Area landside.	LS	1	\$ 10,381,824.74
7	Switching equipment for CT-A/CT-B: Furnish & Install Medium Voltage Switching equipment for switching utility feeder for either CT-A and CT-B.	LS	1	\$ 542,542.40
8	Switching equipment for CT-F/CT-V: Furnish & Install Medium Voltage Switching equipment for switching utility feeder for either CT-F and CT-V.	LS	1	\$ 542,542.40
9	CT-V CMS Associated Duct Bank - Includes, but not limited to the following: Furnish & Install CMS Duct Banks associated with CMS, Conductor Cable, Fiber Optic Cable, Hand Holes, Manholes, Grounding Landside.	LS	1	\$ 1,643,587.74
10	CT-F CMS Associated Duct Bank and Trench - Includes, but not limited to the following: Furnish & Install CMS System (Trench & apparatus), Duct Banks associated with CMS, Conductor Cable, Fiber Optic Cable, Hand Holes, Manholes, Grounding, Connector Pits Dockside.	LS	1	\$ 3,395,511.06
11	CT-B CMS Associated Duct Bank and Trench - Includes, but not limited to the following: Furnish & Install CMS System (Trench & apparatus), Duct Banks associated with CMS, Conductor Cable, Fiber Optic Cable, Control Cable, Hand Holes, Manholes, Grounding, Connector Pits Dockside.	LS	1	\$ 6,707,294.26
12	CT-A CMS Associated Duct Bank and Trench - Includes, but not limited to the following: Furnish & Install CMS CMS System (Trench & apparatus), Duct Banks associated with CMS, Conductor Cable, Fiber Optic Cable, Control Cable, Hand Holes, Manholes, Grounding, Connector Pits Dockside.	LS	1	\$ 3,641,171.26
13	Alternate Item for MSC CMS - Includes, but not limited to the following: Furnish & Install CMS apparatus, Conductor Cable, Fiber Optic Cable, Control Cable, and Grounding Dockside.	LS	1	\$ 6,208,790.20
14	Erosion Control - Includes, but not limited to the following: Erosion Control Devices including Land and Aquatic Based in all areas of Construction.	LS	1	\$ 97,750.00
15	MOT & Site Pedestrian Screens and Fencing - Includes, but is not limited to the following: MOT Channelization/Barricade Devices Pursuant to the Requirements of the MUTCD and Safety Fencing and Site Screens for the Public.	LS	1	\$ 287,500.00
16	Pothole Work Areas - Includes, bit is not limited to the following: Identification vis-à-vis Soft Potholing of all work area so as to identify all known and unknown subterranean obstacles.	LS	1	\$ 287,500.00
17	3 Year Operations, Maintenance & Service Contract	LS	1	\$ 2,670,272.95
18	3 Year Extended Warranty (3% of all Equipment Cost and Installation)	LS	1	\$ 1,121,250.00
Base Total				\$ 86,226,332.67
Owners Contingency (10%)				\$ 8,622,633.27
Dedicated Permits (3%)				\$ 2,586,789.98
Sub-Total				\$ 97,435,755.92
19	Allowance Items:			
19a	Furnish & Install Art & Landscaping Allowance for CT-A, CT-B, CT-F, and CT-V	LS	1	\$ 1,773,106.80
19b	Furnish & Install Art & Landscaping Allowance for MSC	LS	1	\$ 443,275.55
19c	Provide Subconsultant to facilitate final design of 24" Auger Cast Piles and Foundations for CT-A, CT-B, CT-F, and CT-V.	LS	1	\$ 1,418,485.90
Allowance Sub-total				\$ 3,634,868.25
Total				\$ 101,070,624.17