

Memorandum



Date: January 12, 2018

To: Gary Hartfield, Division Director
Small Business Development

From: Juan Kuryla, Port Director
PortMiami

Subject: Recommendation for 7360 Miscellaneous Construction Contract Services for
Cruise Terminal E Waterside Improvements, Contract / Project No. 2017-018.01

PortMiami respectfully requests that the Division of Small Business Development (SBD) evaluate Project No. 2017-018.01 – Cruise Terminal E Waterside Improvements, to assign Small Business Enterprise – Construction (SBE-CON), Goods (SBE-G), and Community Workforce Program (CWP) measures.

Cruise Terminal E Waterside Improvements: The Work of this Contract comprises the general construction necessary to construct concrete runway foundations and tie-downs for future passenger boarding bridges as well as to construct new mooring bollards and hardware for cruise ships. The project is comprised of, but not limited to: demolition and removal of existing asphalt pavement and excavation for the runway and bollard foundations; construction of concrete grade beam on auger cast piles runways, with tie-downs; construction of concrete bollard foundations and hardware with auger cast piles; patch and repair of existing asphalt pavement damaged by construction; and any supportive ancillary tasks to successfully complete all phases of the project.

The construction cost estimate for the project is \$2,573,961.60, which includes 10% contingency.

The SBE goal recommendations are 11.06% for SBE-CON, 2.13% for SBE-G, 10.00% for CWP.

We appreciate your assistance 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



PROJECT NAME: CRUISE TERMINAL E WATERSIDE IMPROVEMENTS
 PROJECT NO.: 2017-018.01
 CONSTRUCTION COST ESTIMATE

Bid Item	Description	Quantity	Units	Unit Price	Bid Total	SBE Construction	SBE Goods
MOB/DEMOL & GENERAL CONDITIONS							
120	Mobilization & Demobilization	1.00	EA	\$22,551.48	\$22,551.48		
160	Environmental BMP	1.00	LS	\$3,465.33	\$3,465.33		
170	Survey Layout	3.00	DA	\$1,967.33	\$5,901.99		
175	MOT Install & Removal	1.00	LS	\$5,138.80	\$5,138.80		
180	Special Inspection & Testing	1.00	LS	\$5,246.21	\$5,246.21		
185	Payment & Performance Bond 12/1000	1.00	LS	\$30,888.03	\$30,888.03		
				***Subtotal	\$73,191.84		
PASSENGER BOARDING BRIDGE RUNWAYS							
210	Concrete Runway, Reinforced (8' x 2' x 2.619')	1,552.00	CY	\$493.85	\$766,455.20		
220	Auger Cast Concrete Pile, 16-inch diameter, 55 ton	3,252.00	LF	\$60.33	\$196,193.16		
230	Tie Down Anchors	40.00	EA	\$8,420.17	\$336,806.80		
240	Tie Down Concrete Encasement	40.00	EA	\$4,580.63	\$183,225.20		
250	Sawcut Existing Pavement, 24" thick	5,238.00	LF	\$22.30	\$116,807.40	\$116,788.59	
260	Remove Existing Pavement, Include Base to Bottom	26,017.00	SF	\$6.13	\$159,484.21	\$52,646.75	
280	Removable Pipe Bollards & Sleeve Anchor	32.00	EA	\$890.73	\$28,503.36		\$28,503.41
290	Pipe Covers Lids (32) & Pipe Inserts (64)	1.00	LS	\$26,270.94	\$26,270.94		\$26,270.94
300	Asphaltic Concrete, Mill and Overlay 2"	1,164.00	SY	\$8.65	\$10,068.60		
				***Subtotal	\$1,823,814.87		
HIGH WIND MOORING TYPE I							
410	Sawcut Existing Pavement	36.00	LF	\$22.30	\$802.80		
420	Removed Pavement & Base to Bottom New Mooring	81.00	SF	\$431.50	\$34,951.50	\$34,951.82	
430	Auger Cast Concrete Pile, 24-inch diameter, 176 to	200.00	LF	\$161.32	\$32,264.00		
440	Concrete Cap, Reinforced (9'-0" x 9'-0" x 4'-0")	12.00	CY	\$4,092.14	\$49,105.68		
450	Concrete Pedestal Reinforced (5'-2" x 5'-2" x 4')	4.00	CY	\$1,583.17	\$6,332.68		
460	Bollard, 150 mT, Single Bit	1.00	EA	\$11,438.26	\$11,438.26		
470	Edge Angle	21.00	LF	\$96.66	\$2,029.86		
				***Subtotal	\$136,944.78		
MOORING TYPE II							
510	Sawcut Existing Pavement	76.00	LF	\$22.30	\$1,694.80	\$1,694.53	
520	Removed Pavement & Base to Bottom New Mooring	180.00	SF	\$436.90	\$78,642.00	\$78,641.56	
530	Auger Cast Concrete Pile, 24-inch diameter, 260 to	560.00	LF	\$161.32	\$90,339.20		
540	Concrete Cap, Reinforced (9'-0" x 10'-0" x 4'-0")	26.70	CY	\$4,092.18	\$109,261.21		
550	Concrete Pedestal Reinforced (9'-0" x 4'-0" x 0.75')	2.00	CY	\$1,583.20	\$3,166.40		
560	Bollard, 150 mT, Double Bit	2.00	EA	\$11,458.25	\$22,916.50		
				***Subtotal	\$306,020.11		
				***Total Base Bid	\$2,339,971.60		
850	Construction Project Contingency 10%	1.00	LS	\$233,990.00	\$233,990.00		
				Total Cost	\$2,573,961.60	\$284,723.25	\$54,774.35
						11.06%	2.13%
						Goal Recommendation	

This is a time sensitive project involving the construction of concrete runways necessary to support rolling Passenger Boarding Bridges. As this work is being performed on a secure wharf and will be required not to interfere with ongoing passenger operations the degree of scheduling and coordination will be intense. Specialized equipment and knowledge will be required for the construction of thick monolithic runway structure use high early strength concrete. These runways will be specialized on auger cast piles requiring a specialized sub-contractor. As the work is being performed on an active portion of the cruise wharf and that time is of the essence, it is requested that the Seaport be able to access the 7360 contract for this project.

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.: 2017-018.01

*Reference corresponding project number when submitting a work order

Contract/Project Title: Cruise Terminal E Waterside Improvements

Description/Scope of Work: See attached

Estimated Cost: \$2,573,961.60

Funding Source: Seaport Bonds/Loans

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.
1265 N. Cruise Blvd., Miami, FL 33132 (Miami-Dade County Seaport Department)

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

Comments: _____

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

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

RECOMMENDATION

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

Basis for Recommendation: _____

Date submitted to DBD: _____

Contact Person: Gyselle Pino

Telephone No.: (305) 347-4833

CRUISE TERMINAL E WATERSIDE IMPROVEMENTS. PROJECT No. 2017-018.01

QUALIFICATIONS

- Contractor (Prime or Sub contractor) performing the Work of this Project shall have a minimum experience of at least three (3) projects of similar scope, involving the placement of concrete structural runways/foundations on piles in excess of 18 inches deep, completed during the past ten (10) years. One (1) of these three (3) projects completed within the past five (5) years under the firm's current business name. The experience must be demonstrated by the individual of the Prime or Sub contractor that will have direct or substantial involvement in the supervisory capacity at the Project Manager level or above. As a condition of award, the selected contractor shall submit individual (s) name (s) and list of past projects, and contact information along with references.
- Auger Cast Piling Installer: Minimum of five (5) years of past successful experience in the installation of auger cast grout piles. Submit three (3) projects which include the installation and testing of tension piles.
- Mooring Bollard Installer: Minimum of five (5) years of past successful experience in forming and placement of equipment foundations. Submit three (3) projects demonstrating the installation of bollard or equipment foundations involving monolithic pour of 36 inches or greater.