

Memorandum



Date: November 7, 2011

To: Carlos A. Gimenez, Mayor

From: Bill Johnson, Director
Port of Miami

Subject: Recommendation for 7360 Miscellaneous Construction Contract Services for
Cruise Terminals F & G Re-roof, Contract / Project No. 2010-025

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 Small Business Enterprise (CSBE) and Community Workforce Program (CWP) measures for this project, in order to proceed with the advertisement and subsequent bidding of the project.

Cruise Terminals F & G Re-roof: The project consists of re-roofing the flat-roofs and the s-shaped structures over the boarding halls, ticketing and passageway areas of Cruise Terminals F and G, including the flat roofs located below the boarding hall structures with a total area of approximately 124,000 square feet, including single source 20 year NDL warranty with manufacturer's wind rider covering storm events up to 146 mph. Although the scope of work does not include replacement of the tensile membrane structure, it will include related work on the tensile membrane to make it fitting and conforming where abutting new roofing; installing PTFE seal closures over the 36 lines of sectionalizing; adding extension rings to the bottom edge of the mast tops; installing PTFE seal closures along E-Line where the convention roof mates up; replacing the rusting steel SBP plates with anodized or powder coated aluminum plates; replacing 100% of the rusting 5/8 x 12 turnbuckles; and painting canopy cap tops. In addition, the scope of work includes stucco crack repairs; concrete restoration; seal coating; painting of walls with a total area of approximately 34,000 square feet; and all other ancillary tasks associated with the primary scope of work.

The construction cost estimate for the project is \$4,776,696.36, which includes 10% contingency.

The CSBE goal recommendation is 5.06% and the CWP recommendation is 11.50%.

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.

Attachments

PORT OF MIAMI - CRUISE TERMINALS F & G RE-ROOF -- Estimate of Probable Cost of Construction

Item No	Division of Work:	Quantity	Unit	Unit Price	Total Price	CSBE Analysis
1	General Requirements (includes mobilization)	1	LS		372,200.00	
2	New Roofing	1	LS		2,929,385.00	
3	Concrete/Stucco Repairs (Items 3.1-3.7)	1	LS		133,230.00	
3.1	UP-1 - Type 'A(S)' Stucco Crack Repairs at Walls	200	LF	22		\$4,400.00
3.2	UP-2 - Type 'B(S)' Stucco Crack Repairs at inside corners	200	LF	22		\$4,400.00
3.3	UP-3 - Type 'C(S)' Spagheti Rod Stucco Crack Repairs	200	LF	22		\$4,400.00
3.4	UP-4 - Type 'D(S)' Delaminated Stucco Repairs	1500	SF	33		\$49,500.00
3.5	UP-5 - Type 'E(C)' Repairs at Cold Joints	200	LF	27		\$5,400.00
3.6	UP-6 - Type 'F(C)' Cast-in-Place (C.I.P) Concrete Repairs	200	CF	300		\$60,000.00
3.7	UP-7 - Type 'G(S/C)' Elastomeric Crack Repairs	1500	LF	3.42		\$5,130.00
4	UP-8 - Type 'P1' Thorocoat Acrylic Waterproofing	33680	SF	2.57		\$86,557.60
5	Pressure Cleaning	1	LS		22,090.00	
6	Tensile Structure Repairs	1	LS		789,000.00	
7	Wet Glazing / Window Weatherization	1	LS		9,989.00	
BASE BID TOTAL					4,342,451.60	
10% Contingency					\$434,245.16	
TOTAL					\$4,776,696.76	

Opportunity \$241,766.36
 CSBE Goal 5.06%

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.: 7360 - Project/Contract No. 2010-025
 *Reference corresponding project number when submitting a work order

Contract/Project Title: CRUISE TERMINALS F & G RE-ROOF

Description/Scope of Work: SEE ATTACHED

Estimated Cost: 4,776,696.36 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.
1103 / 1055 N. CRUISE BOULEVARD, MIAMI, FL 33132 (PORT OF MIAMI)

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: November 12 07, 2011

Contact Person: GYSELLE PINO

Telephone No.: (305) 347-4833

Port of Miami Project No. 2010-025/November 7th, 2011.

Installer/Manufacturer's Qualifications.

1. SECTION 07920 (07 92 00) JOINT SEALANTS

- A. Manufacturer Qualifications: Company specializing in manufacturing the Products specified in this section with minimum 10 years documented experience.
- B. Applicator Qualifications: Company specializing in performing the work of this section shall be one whose primary source of business is as a caulking and waterproofing contractor with minimum 5 years of documented experience in the South Florida market. Applicator shall demonstrate expertise in the application of silicone sealants by providing letter from sealant manufacturer recognizing their ability to successfully perform work outlined in this section and provide minimum of 2 projects where this specific scope of work has been successfully completed.

2. SECTION – 07540 THERMOPLASTIC ROOFING MEMBRANE

- A. Manufacturer's Qualifications: Product Manufactures shall be ISO 9000 certified. All products must be Miami-Dade County Product Control Approved and have a valid Notice of Acceptance Number.
- B. Installer's Qualifications: A single installer shall perform the work of this Section; and shall be a firm with not less than 5 years of successful experience in the installation of roofing systems similar to those required for this project and which is acceptable to or licensed by the manufacturer of the primary roofing materials.
- C. Installer Certification: Provide the County with written certification from the manufacturer of the roofing and waterproofing system certifying that the installer is approved by the manufacturer for installation of the specified roofing and/or waterproofing system. Provide a copy of the certification to the County prior to award of the contract.
- D. Installer shall be experienced with the manufactures' published installation instructions, FBC, RAS117 & RAS 111.
- E. Source Limitations: All components listed in this section shall be provided by a single manufacturer or approved by the primary roofing and/or waterproofing manufacturers respectively.
- F. Roofing membrane manufacturer must have demonstrated performance history of producing roof membranes no less, in duration of years, than the warranty duration specified.

3. SECTION 03131 (03 01 31) - CONCRETE REHABILITATION

- A. Except as shown or specified, the Work of this Section shall conform to the requirements of International Concrete Repair Institute (ICRI), 3166 S. River Rd., Suite 132, Des Plaines, IL 60018, (847) 827-0830, www.icri.org.
- B. ICRI Guideline No. 310.1R-2008 Guide for Surface Preparation for the Repair of Deteriorated Concrete Resulting from Reinforcing Steel Corrosion (formerly Guideline No. 03730).

4. SECTION 09220 (09 24 00) PORTLAND CEMENT PLASTER (STUCCO)

- A. Applicator: Company specializing in application of stuccowork with minimum 5 years documented experience, with knowledge of ASTM C926 and ASTM C1063.
- B. Apply cement plaster under provisions of the latest edition of the PCA Plaster (stucco) manual and ASTM C926, except as modified herein.
- C. All work shall comply with the Florida Building Code and the Portland Cement Association.
- D. All work shall be performed in accordance with referenced standards.

6. SECTION – 09980 COATINGS FOR CONCRETE AND STUCCO

- A. Manufacturer Qualifications: Company with minimum 15 years of experience in manufacturing of specified products and systems.
- B. Manufacturer Qualifications: Company shall be ISO 9001:2000 Certified.
- C. Applicator Qualifications: Company with minimum of 5 years experience in application of specified products and systems on projects of similar size and scope, and is acceptable to product manufacturer.
 - a. Successful completion of a minimum of 5 projects of similar size and complexity to specified Work.

5. SECTION - 13000 TENSILE MEMBRANE STRUCTURES

- B. Manufacturer Qualifications: Company with minimum 15 years of experience in manufacturing of specified products and systems.
- C. Manufacturer Qualifications: Company shall be ISO 9001:2000 Certified.
- D. Applicator Qualifications: Company with minimum of 5 years experience in application of specified products and systems on projects of similar size and scope, and is acceptable to product manufacturer.
 - a. Successful completion of a minimum of 5 projects of similar size and complexity to specified Work.
- E. Subcontractor Qualifications: Fabrication and erection of the tensile membrane structure is limited to firms with proven experience in fabrication and construction of complex tensile membrane structures. Such firms, through their own experience and/or that of their qualified subcontractors, shall meet the following minimum requirements:
- F. The Subcontractor shall have at least fifteen (15) years' experience in the successful fabrication and erection of permanent, custom tensile membrane structures.
- G. The Subcontractor shall have fabricated and erected at least fifteen (15) PTFE-coated woven fiberglass tensile membrane structures, with at least five (5) structures of similar size and complexity as this project.
- H. The Subcontractor shall design, procure, fabricate and erect PTFE-coated woven fiberglass tensile membrane as a tensile membrane structure.
- I. The Subcontractor shall demonstrate it owns and operates a fabrication facility of adequate capacity and will maintain a staff experienced in the fabrication of PTFE-coated woven fiberglass tensile membrane structures that will undertake the fabrication of this project. Subcontractor shall demonstrate that the facility is ISO-certified and shall meet the specific requirements listed in Section 3 of this Specification.
- J. The Subcontractor shall submit a Corporate Quality Control Manual describing the company's complete quality assurance program.