

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

New contract
 OTR
 CO
 SS
 BW
 Emergency

Previous Contract/Project No.

Re-Bid
 Other

LIVING WAGE APPLIES: ___ YES X NO

Requisition/Project No: **FB-01719**

Term Of Contract: 10 years with 0 Option(s)-To-Renew

Requisition/Project Title: Lifeguard Tower Replacement at Haulover and Crandon Park Beach

Description: Miami-Dade Fire Rescue (MDFR) is seeking a qualified firm to construct and install new lifeguard towers, in accordance with the specifications included in the Scope of Services, at Haulover and Crandon Park Beach.

User Department(s): Miami-Dade Fire Rescue

Issuing Department: Internal Services

Contact Person: Chris Grant-Henriques

Phone: 305-375-3085

Estimated Cost: \$956,000.00

Funding Source: Fire District

Revenue Generating: No

ANALYSIS

Commodity/Service No: 713990, 236220			
Trade/Commodity/Service Opportunities			
<div style="border: 1px solid black; padding: 5px;"> Contract/Project History of Previous Contracts. Check Here <u>X</u> if this is a New Contract/Purchase with no Previous History </div>			
PREVIOUS CONTRACTS			
Contractor:			
Small Business Enterprise:			
Contract Value:			
Comments:			
Continued on another page (s): ___ Yes <u>X</u> No			

RECOMMENDATION: Subcontractor Goal

Basis of Recommendation:
Under commodity codes 713990 and 236220, no eligible vendors were found. Through subcontracting experience, more firms may register for those specific commodity codes.

Signed: *Chris Grant-Henriques*

Date to SBD: 09-17-2020

SECTION 2 - SPECIAL TERMS AND CONDITIONS

2.1 PURPOSE

The purpose of this solicitation is to establish a contract to replace the existing lifeguard towers at Haulover and Crandon Park Beach for the Miami-Dade Fire Rescue (MDFR).

2.2 TERM OF CONTRACT

This contract shall commence on the first calendar day of the month succeeding approval of the contract by the Board of County Commissioners, or designee, unless otherwise stipulated in the Purchase Order issued by the Internal Services Department, Strategic Procurement Division, and shall remain in effect until such time as the lifeguard towers are installed, accepted by the County's authorized representative, and upon expiration of the towers' warranty.

2.3 METHOD OF AWARD

Award of this contract shall be made to the responsive, responsible Bidder who meets the qualification criteria listed below, and offers the lowest total cost of ownership.

Qualification Criteria

Bidder(s) shall comply with each requirement below. Failure to meet any sub-section may result in the bidder being deemed non-responsive.

2.3.1 Bidder(s) must have provided, at least, four (4) similar lifeguard towers to municipalities/governmental agencies within the last 10 years. Bidder(s) shall provide client reference(s) for the aforementioned lifeguard towers. The reference(s) shall be from clients that purchased similar lifeguard towers within the last 10 years. For each reference, bidder(s) shall provide the name of the municipality/agency, name of the contact person, contact person's phone number and e-mail address, contract number (if applicable), date of the purchase and completion.

2.3.2 Bidder(s) shall be able to provide lifeguard towers in accordance with the specifications referenced below. Bidder(s) shall submit a copy of the specifications of the lifeguard towers to be constructed.

2.4 VERIFICATION OF SPECIFICATIONS

The County shall verify the specifications submitted by bidders and may request additional information as the County deems necessary to verify a bidder's ability to comply with the required specifications. The County shall determine if each bidder's specifications are in compliance with the required specifications.

2.5 WARRANTY

This section shall apply **in addition** to the provisions stated in Section 1.7 Warranty.

All warranties shall start on the date of acceptance by MDFR and shall meet the following requirements:

- Warranty for the complete structure and workmanship shall be for a minimum of 10 years.
- Warranty for the windows, doors, shutters, and hardware shall be for a minimum of one (1) year.
- Warranty for powder coating shall be for a minimum of one (1) year on workmanship, to include paint degradation, chipping, peeling or corrosion on any painted surface.

2.6 **INSURANCE**

The following insurance coverage requirements supersede the respective insurance coverages listed in Section 1, Paragraph 1.22 (A):

The Bidder shall furnish to Miami-Dade County, Internal Services Department at 111 N.W 1st Street, Miami, FL 33128, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the additional requirements as outlined below:

- **Commercial General Liability Insurance** in an amount not less than \$1,000,000 per occurrence, and \$2,000,000 in the aggregate, to include Products & Completed Operations. Miami-Dade County must be shown as an additional insured with respect to this coverage.
- **Automobile Liability Insurance** covering all owned, non-owned and hired vehicles used in connection with the work, in an amount not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage.

SECTION 3 - SCOPE OF WORK/TECHNICAL SPECIFICATIONS

3.1 SCOPE OF WORK

Miami-Dade Fire Rescue (MDFR) is seeking a qualified firm to construct and install new lifeguard towers, in accordance with the specifications listed below, at Haulover and Crandon Park Beach. Construction of the lifeguard towers shall be done offsite and delivered to the respective sites as authorized by MDFR.

The Awarded Bidder shall also be responsible for the removal and transport of existing lifeguard towers to a designated location to be coordinated with MDFR.

3.2 LIFEGUARD TOWER SPECIFICATIONS

Design - The design of the lifeguard tower shall meet the drawing(s) provided in Attachment A.

Interior – The interior shall have a full width counter work area, seating for up to 2 lifeguards, and shelving on top of action area to store personal items while the lifeguards are on duty. The base of the seating area should contain storage for ease of access. A design concept has been provided in Attachment B.

Roof - The roof system shall consist of snap together 3" thick aluminum panels. The panels shall contain 3" thick Styrofoam for insulation with thin painted white aluminum panels that are vacuum sealed together. The edge of the roof shall be finished off with an edge molding for a finish look.

Windows - The windows shall be hurricane impact, dual pane rated windows. The windows shall be white powder coated aluminum frame with 2 layers of impact glass, 3/16" thick, with the tint between the laminated glasses. The windows shall meet Miami-Dade/South Florida hurricane wind specs.

Doors – Each tower shall consist of two (2) hurricane impact doors x 2, one on each side of the rear. The doors shall be 30" x 80", white aluminum, AAMA certified and feature a fixed window with 1/8" gray single pane, tempered glass. The doors shall be attached with high quality stainless steel (SS) hinges. Two SS handles shall be installed on each door to eliminate mechanical door knobs.

Shelter Structure – The shelter shall be constructed of an all tongue and groove aluminum wall system that is welded and fully secured to a 2" X 3" corner post frame. All materials shall be 6063 aluminum alloy. The slats shall be hollow and the 1" air space to provide for a heat barrier. The powder coating used shall be of a marine grade powder with corrosion resistant properties included in the formulation. At a minimum, two (2) coats of powder must be applied as per final color chosen by MDFR when vendor is awarded. The outside walls are to be coated with a clear ceramic coating to protect against the harsh salt environment.

Shutters – The all-aluminum shutters shall be framed with 6061 alloy, 1" square tube, skinned with .080 5052 aluminum sheet, then powder coated. The shutters must lock from the inside of the shelter and have support arms which secure to the railing when open to avoid damage.

Deck and deck material – The deck shall be 12' by 12' and constructed with capped cellular PVC decking, final color to be chosen by MDFR once vendor is awarded. Deck planks shall have a minimum thickness of 1" x 5 1/2" x 12' long and spaced 1/4" apart to allow for air flow and for sand to be easily swept away. All fasteners used shall be SS 316 on the tower for the best corrosion resistance.

Lifting and towing eyes – The tower shall have heavy-duty SS 316 ½" lifting eye rings off the roof for lifting by crane for movement or positioning of the tower.

Railings – The main railings shall be constructed of, at a minimum, 1 ¼" schedule 40 Brush anodized 6463-T66 pipe with the intermediate rails using ¾" anodized brush pipe. The railing shall have a 2" brush pipe flag holder welded to it.

Platform Structure – The outside perimeter of the platform shall be 8" with lip 6061 T6 alloy dock support beam extrusion and is tied together using 8" dock support beams with no lip and 2" x 4" 6061 T6 structural aluminum channel for strength.

Support Structure – The 7' tall platform shall be supported by 2" Schedule 40, 6463 anodized brush pipe. The corner posts shall be Schedule 80 pipe and the intermediates are 2", schedule 40. Additional bracing shall be 1 ¼" anodized brush pipe. The support structure shall sit on 2- 12" wide x 3" tall 6061 T6 structural channels x 12.5" long, which must be closed to not allow settling of sand or debris in the channel. The ends of these skids have built in ½" SS towing eyes for moving the tower on the beach as needed in one piece w/o disassembly.

Ramp – The ramp shall be all aluminum, 20', and framed with minimum 4" x 2" lip gangway. The ramp shall be composed of 6061 T6 material. The walking surface shall be a 12" wide dock flooring, 60005-T5 mill finish knurled material, making it safe and non-slip. The railing on the ramp shall be 1 ¼" anodized schedule 40 brush pipe. The ramp shall be connected to the platform with a boat dock connector extrusion that is composed of 6061 T6 material.

Board Box – The aluminum board box shall be 30" W x 20" H x 12'6" L and be skinned with .080 aluminum sheet then powder coated twice for durability. The bottom of the box shall have 1/8" perforated metal to allow for air flow and sand to escape. The structure of the board box shall be composed of angle 6061 T6 aluminum material and have all SS Hardware as needed.

3.3 DISPOSAL

The Awarded Bidder shall remove the existing lifeguard tower(s) at each location during the installation of the new lifeguard tower(s). Miami-Dade Fire Rescue will coordinate the specific time and dates with the Awarded Bidder.

MDFR will not provide any heavy equipment to facilitate the removal and/or installation of the lifeguard towers.

3.4 INSPECTION AND ACCEPTANCE

Final inspection and acceptance shall be made by MDFR at each respective location. Acceptance will occur after the goods or results of the services have been inspected and when determined by designated competent staff to have met the bid specifications. Installation does not constitute acceptance.