



# MANATEE COUNTY

March 20, 2014

TO: All Interested Bidders:

SUBJECT: Invitation for Bid #14-0743-OV  
57<sup>th</sup> Avenue Sidewalk from US 41 to 26<sup>th</sup> street West  
Manatee County, Bradenton, FL

## ADDENDUM #2

**Bidders are hereby notified that this Addendum shall be acknowledged on page 00300-1 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgement of the Addendum will be considered incomplete.**

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding document, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

**The stated deadline of March 14, 2014 to submit all inquiries concerning interpretation, clarification or additional information pertaining to this bid has lapsed.** This deadline has been established to maintain fair treatment for all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve.

### **Note #1:**

Q. Please verify the height of the combination rail. Sheet 16, Section A-A, calls for the combination rail height as 3'-6". The Specification Section 3.8.11 calls for a 54" high combination rail.

A. Technical Specification Provisions (Revision #1) Bid Item No. PB#\_\_\_ Pedestrian Bridge, Article 3.8, Safety & Hand Rail, 3.8.1.1 has been revised to read mounting height 3' – 6" above the finished deck. This will comply with the Plan Sheet 16 detail. (2 Total pages attached).

Financial Management Department, Purchasing Division  
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205  
WEB: [www.mymanatee.org](http://www.mymanatee.org) \*PHONE: 941-749-3014 \* FAX: 941-749-3034

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## **ADDENDUM #2**

If you have submitted a bid prior to receiving this addendum, you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

### **END OF ADDENDUM #2**

Bids will be received at the **Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205 on March 26, 2014 until 3:00 PM.**

Sincerely,

A handwritten signature in blue ink that reads "Melissa M. Wendel" followed by a flourish and the word "for" written in a smaller, cursive script.

Melissa M. Wendel, CPPO, Purchasing Official  
Manatee County Purchasing Division

/OV (2 total pages attached)

## **TECHNICAL SPECIAL PROVISIONS (REVISION #1)**

### **BID ITEM NO. PB-# - PEDESTRIAN BRIDGE**

#### **1. GENERAL**

##### **1.1. Scope**

- 1.1.1. All engineering design and related detailing of the bridge(s) shall be provided by the supplier. The design and detailing shall conform to the Applicable Codes and Standards listed in the section 2 of this document and shall comply with the Pedestrian Bridge Details in the construction plans.
- 1.1.2. Bridge(s) and its attachments shall be fully fabricated by a qualified supplier as outlined in this document.
- 1.1.3. Supplier shall be responsible for the delivery of all bridge materials.
- 1.1.4. These specifications are for fully engineered clear span bridge(s) of aluminum construction and shall be regarded as minimum standards for design and construction.

##### **1.2. Suppliers**

All bridges supplied are to be manufactured by( or approved equal to):

**Gator Dock and Marine, LLC**  
2880 Mellonville Avenue  
Sanford, Florida 32773

Suppliers other than those listed above may be used provided they meet all the criteria of this specification and are approved, in writing, the Manatee County Project Manager.

Documentation to ensure proposed substitution shall be in compliance with these specifications must be provided and shall include the following minimum criteria to be considered:

- Representative Design Calculations
- Representative Drawings
- Splicing and Erection Procedures
- Warranty Information
- Inspection and Maintenance Procedures
- Welder Qualifications

#### **2. APPLICABLE CODES AND STANDARDS**

##### **2.1. Governing Codes and Standards**

- Bridge(s) shall be designed in accordance with the AASHTO, Guide Specification for Design of Pedestrian Bridges, latest edition, where applicable and unless otherwise stated in section 3 & 4 of this document.

##### **2.2. Reference Codes and Standards**

- AASHTO, Guide Specification for Design of Pedestrian Bridges
- The Aluminum Association, Specifications and Guidelines for Aluminum Structures, latest edition
- Aluminum Structures, A Guide to Their Specification and Design, latest edition
- American Welding Society, Structural Welding Code, D1.2, latest edition
- National Design Specification for Wood Construction, ANSI NDS, latest edition
- American Wood Preservers Association Standards, latest edition.

#### **3. GENERAL FEATURES OF DESIGN**

### 3.1. Span

Bridge span(s) shall be 35 ft measured from outside of end post to outside of end post.

### 3.2. Width

Interior clear width of the bridge shall be 5ft measured from innermost point of rail to innermost point of rail.

### 3.3. System

- 3.3.1. Bridge(s) shall be a **Cascade** style aluminum truss bridge, as defined in the structural drawings and this specification, or similar in look and function. Style must be approved in accordance with section 1.1 of this specification.
- 3.3.2. Bridge(s) shall be fabricated and delivered as continuous and pre-assembled structures unless mid-span splices are required.
- 3.3.3. Bridge(s) shall incorporate an Enclosed Floor System to hide horizontal bracing, floor beams and stringers from view.
- 3.3.4. Bridge(s) shall be designed utilizing an H-section configuration, where the floor support system intersects the truss verticals above the bottom chord to increase stability.
- 3.3.5. The top of the top chord shall not be less than 54" above the finished deck for bicycle traffic.

### 3.4. Camber

Bridge(s) shall be cambered to offset the dead load.

### 3.5. Slope

Bridge(s) shall be designed for abutments and/or piers constructed at the same elevation as indicated in the structural drawings/plans.

### 3.6. Deck

Bridge(s) shall have an integrated, slip resistant aluminum deck in accordance with section 5.2 of this document.


### 3.7. Bearing Pads

Bridge shall include bearing pads, which shall allow the bridge to expand and contract as needed without binding, in accordance with section 5.3 of this document.



### 3.8. Safety & Hand Rails

3.8.1. Bridge shall incorporate a Combination Rail system consisting of vertical pickets, a graspable top rail, and curb bottom rail, which shall minimize climbing hazards and serve the function of guard, hand, and toe rail. The Combination Rail system shall meet all the dimensional requirements of FDOT Aluminum Pedestrian/Bicycle Picket Railing – Index No. 860 or pre-approved equal.



3.8.1.1. Top of top rail shall not be less than 54" 3'-6" above the finished deck.

3.8.1.2. Clear opening between pickets shall reject the passage of a 4" diameter sphere up to the height specified in 3.8.1.1 of this document.

3.8.1.3. Clear opening between bottom rail and finished deck shall reject the passage of a 2" diameter sphere.