



Joseph Lauro, CPPO/PPB  
Director

September 16, 2015

TO: ALL PREQUALIFIED BIDDERS  
INVITATION TO BID: BOARDWALK REPAIR – BOCA CIEGA MILLENNIUM PARK  
BID NUMBER: 145-0406-CP (DF)  
BID SUBMITTAL IS DUE: September 29, 2015 @ 3:00 PM

### **ADDENDUM NO. 2**

Following is additional information, clarifications, questions and responses relative to referenced Invitation to Bid (ITB):

#### **ADVISORIES:**

- Question deadline is extended until September 18, 2015 at 3:00 P.M.
- Ceramic deck screws are not acceptable. Stainless steel, torque head deck screws of the same size and length shall be used in accordance with the plans and specifications.
- Record Drawings: The contractor shall supply record drawings, signed and sealed contract plans, which are maintained by the contractor for the express purpose of recording minor deviations from the original bid set plans. Record drawings shall be submitted to the County within thirty (30) days of substantial completion of work. Cost for providing record drawings shall be included in the item for Mobilization.

#### **CLARIFICATIONS:**

The following are changes to Section D Specifications, under Special Provisions, Item 1:

- **Delete Item 1 and replace with the following revised Item 1:**  
All new and existing lumber, not piling, shall receive the following protective coatings. All field cuts and holes shall be treated in accordance with the AWPA Standard M4. All existing exposed and newly installed lumber shall be treated with Thompson's Water Seal or approved equal. The cost for the two (2) treatments on the existing and new lumber shall be included in the boardwalk pay items.

PLEASE ADDRESS REPLY TO:  
400 South Ft. Harrison Avenue, Sixth Floor  
Clearwater, Florida 33756  
Phone: (727) 464-3311  
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The following are changes to the Pay Item Notes listed on Sheet 05 of 22 of the project plans:

- **Delete Note 10 and replace with the following revised Note 10:**  
10. PAY ITEM NO. 470-1640, TIMBER RAILING, 42" HIGH, REMOVE & REPLACE WITH CONTINUOUS WOOD – PLASTIC, COMPOSITE TOP RAIL, WITH NEW POSTS. PAYMENT SHALL INCLUDE THE CAREFUL REMOVAL AND DISPOSAL OF THE EXISTING RAILING, AND THE INSTALLATION OF THE NEW RAILING AS SHOWN ON THE PLANS AND LISTED IN THE SPECIFICATIONS INCLUDING WOOD – PLASTIC COMPOSITE BLOCKS, FASTENERS, WELDED WIRE MESH, WOOD – PLASTIC COMPOSITE TOP RAIL, AND NEW POSTS. WATER TREATMENT COATING SHALL BE APPLIED TO ALL WOOD MEMBERS, INCLUDING ALL POSTS. PAYMENT FOR TIMBER RAILING, 42" HIGH, REMOVE & REPLACE WITH CONTINUOUS WOOD – PLASTIC COMPOSITE TOP RAIL, WITH NEW POSTS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LINEAR FEET. ALL INSTALLATION HARDWARE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE.
- **Delete Note 11 and replace with the following revised Note 11:**  
11. PAY ITEM NO. 470-5001-2, TIMBER RAMP, WITH WOOD – PLASTIC COMPOSITE DECKING AS SHOWN ON ADA RAMP FOR FISHING TRAIL PLAN, SHALL INCLUDE CLEARING AND GRUBBING, GRADING THE PROPOSED AREA, PILINGS, BEAMS, JOISTS, BLOCKING, TOE RAIL 5", 42" RAIL WITH HANDRAIL, INSTALLATION OF WOOD – PLASTIC COMPOSITE RAMP BOARDS, CONCRETE, WELDED WIRE MESH, AND ALL FASTENERS AND HARDWARE AS SHOWN ON THE PLANS AND LISTED IN THE SPECIFICATIONS. PAYMENT SHALL BE AT THE CONTRACT UNIT PRICE PER LUMP SUM.

#### **QUESTIONS FROM PROSPECTIVE BIDDERS:**

1. QUESTION: Does all of the EXISTING WOOD that stays in place, including above ground exposed piling receive the wood protective coating?

RESPONSE: Please refer to the "CLARIFICATIONS" Section of this Addendum No. 2.

2. QUESTION: Are all of the NEW WOOD products to receive this protective coating also?

RESPONSE: Please refer to the response for Question No. 1.

3. QUESTION: Could I please have clarification on ASTM DC09-97 and ASTM DC109-97, compression and Flexure, it's difficult to determine whether EverGrain meets those specifications. EverGrain compressive strength data determined via ASTM D198 is 6642 PSI. We do not have data for either of the ASTM D6117 tests referenced in the specification; Uplift resistance ratings for three fastening options are included in our code compliance report.  
(<http://www.architecturaltesting.com/certification/Download.aspx?DocID=300&CN=cnCodeCompliance>)  
These may be an alternative the ASTM D6117 fastener pullout and shear requirements.

RESPONSE: Staff reviewed the characteristics of the proposed product and its adequacy to meet the structural, serviceability, and functionality requirements needed for this project. Based on study, as well as reviewing the spacing and load capacity tables provided, this product meets or exceeds the requirements. It is the Engineer's opinion that this is a well engineered product, and it is adequate for use in the Boca Ciega Millennium Park boardwalk for decking and railing. This product is not recommended for joists, caps (bent) or any other structural components.

4. QUESTION: The bid drawing no. 19 does not show the details of connection between the existing boardwalk and proposed ADA ramp, please provide the details. Reference to Section E Bid Submittal Sheets (schedule of values), please provide the description of the pay items.

RESPONSE: The joists for the ramp do not need to be connected to the level boardwalk. There are no strength or serviceability concerns since the ramp joists cantilever a short distance, and if connected, the supported ends would create an unduly uplift force on the level joists. The Contractor should recognize that the skew end of the sloped cantilevering joists will increase in elevation as their length increases. And as such, the top of beams will have to be longitudinally cut or the bent beams should be set at a slope to compensate for this change.

5. QUESTION: Please provide a list of local i.e. city or county permits that will be required.
- a. Will the fees be waived?
  - b. Please provide fee schedule.

RESPONSE: A Habitat Permit will be available to the awarded contractor for signature at the Pre-construction meeting.

6. QUESTION: As per drawing no. 13 no joists and stringers are to be replaced but according to the bid submittal sheet (schedule of values) pay item 470-1622 & 470-1623 has a quantity for replacing joists and stringers please clarify.

RESPONSE: Please refer to Pay Item Number 8 on Sheet 5 for the pay item definition. As stated, the Engineer shall direct the removal and replacement of damaged boards and the contractor will be paid as listed. All boards shall be new and unused.

7. QUESTION: Please provide the description of the pay items.

RESPONSE: Please refer to the plans and specifications, specifically the Pay Item Notes on Sheet 5 of the plans.

8. QUESTION: According to section D specification and bid drawings 13 – 17, please clarify do we also need to install new wood rails (interior and exterior) for the framing of welded wire mesh or are we allowed to re-use the rails recovered from the existing boardwalk.

RESPONSE: All boards shall be new and unused.

9. QUESTION: What type of loads will be upon the boardwalk (pedestrian only, ATVs, or vehicles)?

RESPONSE: The boardwalk loads are depicted on Sheet 4 of the plans, STRUCTURAL DESIGN CRITERIA.

10. QUESTION: In order to insure a better understanding the site and working conditions I would like to schedule a site visit in order to prepare a competitive proposal. It is requested to an appointment as per your convenience for the visit.

RESPONSE: Per discussion between Engineering staff and the Purchasing Department, it has been determined that the site is open and accessible to the public. Therefore a site visit will not be arranged as part of the bid advertisement or addendum response.

11. QUESTION: Refer drawing no. 15 please provide detailed sections and connection pattern for connecting railing cap with 3" long stainless steel screws.

RESPONSE: The connection of the cap to rail connection is specified in the "Elevation Detail, Connection of Railing to Intermediate Post, Looking from the Exterior" on Sheet 15, as two 3" long stainless steel screws at 12 inches on center. It is further clarified on the detail and cross section on Sheet 17. The railing cap will be connected to the upper railing. One screw will be driven through the upper exterior railing while the other will be connected to the upper interior railing. Over the post, the cap will be fastened to the top of cap with two 3" long stainless steel screws.

12. QUESTION: Please provide the location of disposal site.

RESPONSE: The contractor is responsible for securing the disposal site.

13. QUESTION: Please provide the detailed drawings of the pre-fabricated wood plastic composite lumber benches for the boardwalk and tower.

RESPONSE: The replacement wood plastic benches will be similar in configuration to the existing wood benches.

14. QUESTION: Your specs call for wire mesh to be 9 gauge. After checking with supplier, the welded wire manufactured by "Riverdale" only comes 10.5 before coating, resulting in a 10 gauge after coating. Is this acceptable or can you provide us with a manufacturer who would produce 9 gauge. I know you can get coated chainlink fence in 9 gauge, but they don't produce a welded wire product. Please advise.

RESPONSE: Please be advised that the County will accept 9 or 10 gauge coated welded wire mesh for this project.

15. QUESTION: The top railing cap board is calling for 2x8 composite. Limited manufactures produce composite 2x8. Would it be acceptable to use a 2x6 and bevel the remaining part of the 6x6 not covered. This has been a standard practice do to the unavailability of 2x8 from most composite companies. Please advise.

RESPONSE: A 2 x 6 composite cap board within 1 1/2" x 1 1/2" beveled on the back of the outer edge of the post is acceptable.

16. QUESTION: Can you provide us a manufacturer of the 4x6 composite blocks for toerail. These only come in 100% plastic and would come from different manufacturer than deck and railing resulting in different color for sure if even available/ Please advise.

RESPONSE: Please be advised the County will accept 4 x 6 plastic block for the toe rail only. The color shall be approved by the Engineer prior to construction.

17. QUESTION: The existing 6x6 posts are bolted through the doubled header beams on one side only. You are calling for them to be bolted through both sets of beams requiring the distance between post and beam to be shimmed or blocked out for solid connection. Is this the intent or are we to match existing?

RESPONSE: Please refer to Sheet 13 EXISTING CONDITIONS AND TYPICAL SECTION of the plans, BOARDWALK FRAMING PLANS (EXISTING) for detail of post connection to beams and stringers.

18. QUESTION: Refer drawing no. 5, the pay item description 470-1640 does not includes the supply and installation of vinyl coated wire mesh 2 x 2 openings, please clarify which pay item includes this activity. Also provide details for water treatment coating.

RESPONSE: Please refer to the revised Note 10 under the "Clarifications" Section of this addendum. Please refer to the response to Question No. 1 of this addendum concerning the details for water treatment coating.

19. QUESTION: Refer to drawing no. 15, the vinyl coated welded wire mesh 2 x 2 openings does not show either the edges of the mesh will be trimmed" or a "untrimmed balanced stubs" edge condition. Please clarify.

RESPONSE: The edges of the mesh shall be trimmed as required.

20. QUESTION: Does the recovered material from the existing boardwalk i.e. hand rails, toe rails, benches, deck boards and fasteners etc. Will become the contractor's property?

RESPONSE: Note 5 under Clearing and Grubbing of Sheet 02 of 22 of the Construction Plans, titled Notes 1 of 4, specifies:

All materials not claimed by the County shall become the property of the Contractor, and shall be disposed of by the Contractor in areas provided by the Contractor. The cost for this work shall be included in the unit price bid for Clearing and Grubbing.

The County does not indicate retention of any recovered materials, and as such it will become the property of the Contractor.

21. QUESTION: Refer drawing no. 5 and 22; please clarify the replacement quantity of hand rails for the observation tower is included in the pay item no. 470-1640.

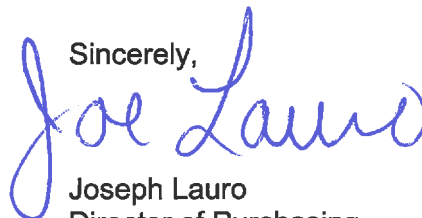
RESPONSE: The contractor is responsible for measuring the quantity of materials.

22. QUESTION: Refer drawing no. 12 please clarify that all the three phases of the boardwalk project will be closed for the public at the same time or it will remain open in phases.

RESPONSE: See Sheet No. 4, Construction Notes No. 8 – *Contractor shall work on one phase at a time.*

All other specifications, terms and conditions remain the same.

Please remember to acknowledge receipt of this Addendum in Section F, Page 46 under Addendum No. 2 and return with completed bid package.

Sincerely,  
  
Joseph Lauro  
Director of Purchasing