



STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES &
ENVIRONMENTAL CONTROL
DIVISION OF FISH & WILDLIFE
89 Kings Highway
Dover, DE 19901

**CONTRACT DOCUMENTS & TECHNICAL SPECIFICATIONS
ADDENDUM NO. 3**

**DELAWARE BAYSHORE BYWAY
LITTLE CREEK BOARDWALK AND WILDLIFE VIEWING TOWER
CONTRACT NO. FW-2-15**

Project Name: Delaware Bayshore Byway
Little Creek Boardwalk Wildlife Viewing Tower

Contract No.: FW-2-15

Date of Issue: February 27, 2018

Notice No. 1: Attach this addendum to the Project Manual for this project. It modifies and becomes part of the Bidding Documents. Work or material not specifically mentioned herein is to be as described in the main body of the specifications and as shown on the drawings.

Bids Due: March 23, 2018, 1:00 PM EST

"CONTRACT NO. FW-2-15 - SEALED BID – DO NOT OPEN".
Dept. of Natural Resources & Environmental Control
Division of Fish and Wildlife
89 Kings Highway, Dover DE 19901
Attn: Anthony T. Gonzon Jr., Delaware Bayshore Initiative Coordinator

1. RFI QUESTIONS AND RESPONSES:

Q1. On plan sheet C-3, Section AA Typical Section Parking Lot, shows parking bumpers and split rail fencing. Are these items to be included in the base bid for the parking lot or only in Add Alternate #1? Please clarify.

A1. All improvements to the parking lot are covered in Add/Alternate No. 1. The base bid requires the contractor to restore the existing parking lot to pre-construction conditions

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after using it as the staging area. No improvements to the parking lot are shown on Sheet C-1 (Base Bid).

Q2. Can you please confirm that the centerline of the new boardwalk is to match the centerline of the existing boardwalk (i.e. the alignment is identical)?

A2. The centerline of the proposed boardwalk is approximately the same as existing but should not be considered identical.

Q3. On plan sheet C-2, Section 2 Typical Section Boardwalk shows the width of the new boardwalk to be 5' (inside of rail to inside of rail). However, on plan sheet S-7, Section 17 Typical Boardwalk Framing Section shows this width to be 6'. Please clarify.

A3. The width is 5' inside of rail to inside of rail. The Sheet S-7 has been revised and issued as part of Addendum #2.

Q4. Is there an engineer's estimate available for this project?

A4. The Engineer's Opinion of Probable Costs has been prepared for the Owner and is not available to the bidders.

Q5. Will this project require domestic hardware per the "Buy America Provision"?

A5. We are developing a response to this question. The response will be issued in a forthcoming addendum.

Q6. Will engineered sealed drawings and calculations be required for the boardwalk and observation tower structures?

A6. Shop drawings are to be submitted for review and approval. All shop drawings and calculations shall be signed and sealed by a Professional Engineer licensed in the State of Delaware.

Q7. Please clarify how the 2" x 12" joists are to attach to the wide flange steel beams shown in the tower framing plan(s)?

A7. Top flange hangers to be used (See Note 10 under Plans).

Q8. How does the 2"x10" blocking fasten to the top of the steel framing on the observation tower?

A8. Use Galvanized bolts @ 24" o.c. (See Note 7 under plans).

Q9. Will an as-built survey be required upon completion of the project?

A9. Yes, See Specification 017839 Project Record Documents for requirements.

Q10. During the pre-bid meeting it was noted that a temporary jobsite office as detailed in section 015000 Temporary Facilities & Controls will NOT be required for this project, please confirm?

A10. A temporary jobsite office as detailed in section 015000 Temporary Facilities & Controls is NOT REQUIRED.

Q11. What is the required size for the mesh infill within the metal railing system? 2"x2" opening 12 gauge wire with HDG finish?

A11. Refer to Specification T-057300, Part 2.2.F for the Woven Wire Mesh requirements and Part 2.2.H for Coatings.

Q12. Please clarify the areas where the 2"x8" composite rail cap is to be continuous along the handrail system and where the 2"x8" composite rail cap is to only cover the top of the 6"x6" post? Is the boardwalk to receive the 2"x8" composite rail?

A12. The composite rail is continuous on the entire second level, along the stairs and the intermediate landing of the tower. On the first level. The cap is at the posts only (with 1" overhang on each side). The composite rail is continuous along the entire length of the boardwalk.

Q13. What is the diameter of the handrail grabrail that is required along the boardwalk, first level of the observation tower, and the stairs to the second level? The standard that our suppliers is indicating 1-1/4" dia. is the standard size for this type of rail.

A13. 1-1/4" diameter is acceptable.

Q14. Is the 1" sq. rod/tube to be the same size whether the 2"x8" composite rail cap is present or not? Is this to be a square shape or is round tube acceptable?

A14. The rod diameter is to be the same size at all locations. It may be a round tube. Note that the railing design has delegated design requirements noted in Special Provisions. All railing members are to meet these requirements.

Q15. The 1" sq. rod/tube drawn on the handrail is fastened with brackets to the posts and intermediate straps to the 2"x8" composite rail however, there are no details for sizing of these brackets is indicated, please provide a detail for these brackets & the intermediate straps.

A15. The design is indicated in the delegated design requirements in Special Provisions.

Q16. Sheet S-2, Timber Notes, notes that all lumber shall be Hem Fir #2, will Southern Yellow Pine be acceptable in lieu of Hem Fir?

A16. Provided that it meets the requirements for strength properties shown on the drawings in Note #2 under Timber.

Q17. Will the pre-bid meeting minutes and sign in sheet be posted to the website?

A17. Yes.

Q18. Is there a plan holders list available?

A18. Yes. All contractors attending the mandatory pre-bid meeting were issued one set of plans and the project manual on compact disc per company. The attendance sheet has been posted as an attachment to Addendum #2.

2. DRAWINGS: The following drawings have been revised:

a. N/A

3. ADDITIONAL INFORMATION:

a. Last Day for Questions shall be Thursday, March 15 at 4:30 PM.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.

IF YOU HAVE ANY QUESTIONS, PLEASE CONTACT:

Anthony Gonzon (anthony.gonzon@state.de.us)

Attachments: None.