



ADDENDUM NO. 3
Issue Date: September 13, 2022
Project Name: Central Regional WWTF Roof Replacement
Bid Number: 2022041
Bid Opening Date: **September 20, 2022**

This addendum is being released to answer questions received to date. The information and documents contained in this addendum are hereby incorporated in the invitation to bid. **This addendum must be acknowledged where indicated on the bid form, or the bid may be declared non-responsive.**

Questions & Answers

1. Plans state lightening protection is being removed, is it being reinstalled or replaced? **The lightning system will be reinstalled. The system will also need a UL "letter of findings" certification. The specification has been updated to reflect this requirement.**
2. Roof Section C1: Replace the existing edge nailers to remain in place; is this supposed to be re-secured as per the other roof areas? **Correct. It is the intension that the existing wood nailers be re-secured. The specification has been updated to reflect this requirement.**
3. Replace all existing plywood deck substrate under unit price/ allowance work, so this will not be carried in the base bid? The replacement of the plywood deck for Roof Section C1 is to be covered in the base bid. The specification has been updated to reflect this requirement.
4. Who will be repairing the damaged powered exhaust fan on Roof Section A1 on the roof? **The County will make this repair.**
5. The overflow scuppers have leader heads and downspouts, do they stay or are they being replaced? **Existing collector heads and downspouts at overflow scuppers are to be removed and not reinstalled.**

Additions to Bid Documents

Replace Specification Section "01 11 00 Summary of Work" with attached "01 11 00 Summary of Work (Revision No. 1)". Specification section has been updated for lightning protection, plywood deck and wood nailer requirements.

Replace Specification Section "01 21 00 Allowances" with attached "01 21 00 Allowances (Revision No. 1)". Specification has been updated for plywood deck requirements.

Replace Specification Section "01 77 00 Closeout Procedures" with attached "01 21 00 Closeout Procedures (Revision No. 1)." Specifications section has been added for lightning protection requirements.

SECTION 01 11 00 (Revision No. 1)

SUMMARY OF WORK

PART 1 GENERAL

1.01 WORK COVERED BY CONTRACT DOCUMENTS

- A. Project Name: IRC-1829 Indian River County Central Regional WWTF Roof Replacement
- B. Project Address: 3550 49th Street, Vero Beach, Florida, 32967
- C. Owner: Indian River County
- D. Engineer: The Contract Documents, dated June 17, 2022, were prepared by REI Engineers, Inc.
- E. This work includes the provision of all labor, material, equipment, supervision and administration to integrate the work outlined in this project manual into the total building system such that no leakage into the system occurs. In general, the scope of work in the **Base Bid** will include:

1. **Roof Sections A1 & A2:** (Approximately 3,836 square feet): Remove and dispose of the existing roof system including flashings and sheet metal down to the existing structural deck; resecure the existing edge nailers to remain in place; adhere tapered polyisocyanurate insulation system, provide adhered gypsum coverboard, fully adhere thermoplastic single ply membrane along with flashings and accessories and provide sheet metal flashings and trim to provide a complete, watertight, 20-year warrantable roof assembly.

Remove the existing lightning protection/grounding system prior to commencement of roof replacement work. Upon completion of flashing and sheet metal installation, all new or existing parts, components or materials will be reinstalled or installed to meet UL requirements at the time of initial installation. Provide UL "letter of findings" certifying reinstallation.

2. **Roof Sections B1, B2, B3 & B4:** (Approximately 6,927 square feet): Remove and dispose of the existing roof system including abandoned fans, flashings and sheet metal down to the existing structural deck; resecure the existing edge nailers to remain in place; provide new sheet metal curb caps at abandoned locations; Provide new roof access ladder and hand railing modifications; adhere polyisocyanurate insulation system, provide adhered gypsum coverboard, fully adhere thermoplastic single ply membrane along with flashings and accessories and provide sheet metal flashings and trim to provide a complete, watertight, 20-year warrantable roof assembly.
3. **Roof Section C1:** (Approximately 1,626 square feet): Remove and dispose of the existing roof system including hand rails, flashings and sheet metal down to the existing structural framing; Replace all existing plywood deck substrate; resecure the existing edge nailers to remain in place; mechanically attach tapered polyisocyanurate insulation system, provide gypsum coverboard, induction weld thermoplastic single ply membrane, install flashings and accessories and provide sheet metal flashings and trim to provide a complete, watertight, 20-year warrantable roof assembly.

4. **Roof Section C2:** (Approximately 809 square feet): Remove and dispose of all existing shingles and underlayment down to the structural framing. Remove and dispose of all sheet metal flashings and trim. Replace all existing plywood deck substrate under unit price/allowance work. Provide self-adhered underlayment, shingles, sheet metal flashings and trim.

F. Asbestos Containing Roofing Materials (ACRM):

1. It is the intention of these specifications that no asbestos bearing materials be incorporated into the work. In the event the contractor should determine unanticipated asbestos bearing materials to be present in the existing building components, Contractor is to stop all work in the affected area, notify the Engineer and Owner, and provide temporary protection as required. Costs incurred, if any, due to the presence of hidden and/or unanticipated asbestos bearing materials will be authorized by Change Order to this contract.

- G. The contractor is responsible for all electrical, plumbing, mechanical, and other related trade work necessary to facilitate project operations. Contractor is responsible for re-locating any and all conduit, HVAC equipment, curbs, and/or plumbing necessary to comply with the requirements of these documents. All work shall conform to the requirements of the current Building Code approved in the State of the project location.

- H. General requirements and specific recommendations of the material manufacturers are included as part of these specifications. The manufacturers' specifications are the minimum standards required for the completed systems. Specific items listed herein may improve the standards required by the manufacturers and will take precedence where their compliance will not affect the manufacturers' guarantee or warranty provisions.

1.02 CONTRACT

- A. Project will be constructed under a single prime general construction contract.

1.03 SITE INVESTIGATION

- A. The Contractor acknowledges that he has satisfied himself as to the nature and location of the Work, the general and local conditions, particularly those bearing upon transportation, disposal, handling and storage of materials, availability of labor, water, electric power, roads and uncertainties of weather, ground water table or similar physical conditions at the site, the conformation and condition of the ground, the character, quality and quantity of surface and subsurface materials to be encountered, the character of equipment and facilities needed prior to and during the prosecution of the Work and all other matters which can in any way affect the Work or the cost thereof under this Contract. Any failure by the Contractor to acquaint himself with all the available information concerning these conditions will not relieve him from responsibility for estimating properly the difficulty or cost of successfully performing the Work. Field measurements shall be taken at the site by the Contractor to verify all data and conditions affected by the Work.

1.04 SPECIFICATION FORMATS AND CONVENTIONS

- A. Specification Format: The Specifications are organized into Divisions and Sections using the 49-division format and CSI/CSC's "MasterFormat" numbering system.
1. Section Identification: The Specifications use section numbers and titles to cross-reference Contract Documents. Sections in the Project Manual are in numeric

sequence.; however, the sequence is incomplete. Consult the Table of Contents at the beginning of the Project Manual.

- B. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:
1. Abbreviated Language: Language used in the Specifications and other Contract Documents is abbreviated. Words and meanings shall be interpreted as appropriate. Words implied, but not stated, shall be inferred as the sense requires. Singular words shall be interpreted as plural, and plural words shall be interpreted as singular where applicable as the context of the Contract Documents indicates.
 2. Imperative mood and streamlined language are generally used in the Specifications. Requirements expressed in the imperative mood are to be performed by Contractor. Occasionally, the indicative or subjunctive mood may be used in the Section Text for clarity to describe responsibilities that must be fulfilled indirectly by Contractor or by others when so noted.
 - a. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION (NOT USED)

END OF SECTION 01 11 00 (Revision No. 1)

SECTION 01 21 00 (Revision No. 1)

ALLOWANCES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Administrative and procedural requirements governing allowances.

1.2 RELATED SECTIONS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Specification Sections, apply to this Section.

1.3 CONTINGENCY ALLOWANCE

- A. A \$10,000 contingency allowance shall be included in the base bid.
- B. Any unused portion remaining at the completion of the contract shall be credited back to the Owner as a credit.
- C. The Owner reserves the right to modify the contingency allowance prior to award of Contract.

1.4 QUANTITY ALLOWANCES

- A. Quantity allowance for the items indicated below shall be included in the base bid. The unit price submitted on the Bid Form shall be used to compute the quantity allowances. The quantities indicated are estimated quantities only for the purpose of comparing bids. The Contractor will be compensated at the unit price bid for the exact quantity of work performed under each unit price item. Deductive amounts of unit price work included in the Contract Sum will be calculated at 100% of the quoted add unit price.

- 1. Replace 300 bd. ft. of Deteriorated Wood Blocking

END OF SECTION 01 21 00 (Revision No. 1)

SECTION 01 77 00 (Revision No. 1)

CLOSEOUT PROCEDURES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. This Section includes administrative and procedural requirements for contract closeout, including, but not limited to, the following:
 - 1. Project Record Documents
 - 2. Warranties.

1.02 PROJECT RECORD DOCUMENTS

- A. Provide UL "letter of findings" certifying reinstallation of lightning protection system.

1.03 WARRANTIES

- A. Asphalt Shingle Roofing System warranty as outlined in Section 07 31 13.
- B. Metal Soffit Panel System finish warranty as outlined in Section 07 42 13.
- C. Thermoplastic Single Ply Roofing System warranty as outlined in Section 07 54 00.
- D. Pre-finished Sheet Metal finish warranty as outlined in Section 07 62 00.
- E. Contractor's five (5) year warranty on their company letterhead using sample contained in the Project Manual.
 - 1. Contractor will be required to attend two post construction field inspections: the first no earlier than twenty -three (23) months and no later than twenty-four (24) months after the date of Final Completion and the second no earlier than fifty-nine (59) months and no later than sixty (60) months. Contractor shall complete any corrective action requested by Owner, Engineer, or Manufacturer at no additional cost to the Owner.
- F. Contractor's Asbestos-Free Warranty on their company letterhead using sample contained in the Project Manual.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION (NOT USED)

END OF SECTION 01 77 00 (Revision No. 1)