



**CIVIC CENTER ENERGY IMPROVEMENTS  
HALL OF JUSTICE WINDOW REPLACEMENT  
99 EXCHANGE STREET  
ROCHESTER, NEW YORK**

**BID PROJECT NO. 0211-12**

**ADDENDUM #2  
March 15, 2012  
ZA #11-057**

**GENERAL:**

All contractors submitting proposals for the above named project shall take note of the following changes, additions, interpretations, clarifications, etc., in connection with the drawings and specifications and other general documents. The following instructions have precedence over anything contrarily shown on the drawings or described in the specification documents, and all such shall be taken into consideration and be included in the Contractor's bids. Acknowledge receipt of this Addendum by inserting its' number and date on the proposal form. Failure to do so may subject bidder to disqualification. This Addendum No. 2 consists of:

**SPECIFICATIONS**

Item #1: Form of Proposal

Replace page P-9 with the attached P-9.

Item #2: Section 085113 – Fixed Aluminum Windows

Replace with the attached section 085113.

**END OF ADDENDUM #2**

MONROE COUNTY  
CIVIC CENTER ENERGY IMPROVEMENTS  
HALL OF JUSTICE WINDOW REPLACEMENT

FORM OF PROPOSAL

CONTRACT 1: Window Replacement

Proposals may be considered informal and may be returned to the Bidder if all blank spaces in the Form of Proposal are not filled in.

Pursuant to and in compliance with the "Notice to the Bidders", the "Instructions to Bidders" and "Proposal" relating thereto, the Bidder hereby agrees to furnish all plant, labor, materials, supplies, equipment and other facilities and things necessary or proper for or incidental to work required by and in strict accordance with the Contract Documents and any Addenda subsequently issued, for the sum of:

Contract 1: Window Replacement

Total Base Bid \$ \_\_\_\_\_  
(Numbers)

\_\_\_\_\_ Dollars  
(Price in Words)

Unit price for installation of ten (10) Type W-1 windows

Unit Price \$ \_\_\_\_\_  
(Numbers)

\_\_\_\_\_ Dollars  
(Price in Words)

Unit price for installation of ten (10) Type W-2 windows

Unit Price \$ \_\_\_\_\_  
(Numbers)

\_\_\_\_\_ Dollars  
(Price in Words)

Alternate No. 1: Shift Work

Alternate No. 1:            add/subtract \$ \_\_\_\_\_  
(Numbers)

\_\_\_\_\_ Dollars  
(Price in Words)

SECTION 085113 - FIXED ALUMINUM WINDOWS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes: Fixed Aluminum Window Systems:
  - 1. Window System: Fixed Aluminum Window System
- B. Related Sections:
  - 1. Glass and Glazing: Refer to Division 8 Glass and Glazing Section for glass and glazing requirements.
  - 2. Single Source Requirement: All products listed below shall be by the same manufacturer.

1.3 SUBMITTALS

- A. Product Data: Submit product data for each type window series specified.
- B. Substitutions: Whenever substitute products are to be considered, supporting technical data, samples, and test reports must be submitted ten (10) working days prior to bid date in order to make a valid comparison.
- C. Shop Drawings: Submit shop drawings showing layout, profiles, and product components, including anchorage, accessories, finish colors and textures.
- D. Samples: Submit verification samples for colors on actual aluminum substrates indicating full color range expected in installed system.
- E. Quality Assurance / Control Submittals:
  - 1. Test Reports: Submit certified test reports showing compliance with specified performance characteristics and physical properties.
- F. Closeout Submittals:
  - 1. Warranty: Submit warranty documents specified herein.
  - 2. Project Record Documents: Submit project record documents for installed materials.

1.4 QUALITY ASSURANCE

- A. Qualifications:
  - 1. Installer Qualifications: Installer experienced to perform work of this section who has specialized in the installation of work similar to that required for this project. If requested by Owner, submit reference list of completed projects.

1.5 PROJECT CONDITIONS / SITE CONDITIONS

- A. Field Measurements: Verify actual measurements/openings by field measurements before fabrication; show recorded measurements on shop drawings. Coordinate field measurements, fabrication schedule with construction progress to avoid construction delays.

1.6 WARRANTY

- A. Warranty: Submit, for Owner's acceptance, standard warranty document executed by an authorized company official.
  - 1. Warranty Period: One (1) year standard warranty commencing on the substantial date of completion for the project provided that the warranty, in no event, shall start later than six (6) months from the date of shipment.

PART 2 - PRODUCTS

2.01 MANUFACTURERS (Acceptable Manufacturers/Products)

- A. Basis of Design: Arch  
Fixed Sash System: Back member 1056B; Face 1055F, for 1" glazing.
- B. Subject to meeting these specifications:
  - 1. Tublite, Inc.
  - 2. Arch Windows
  - 3. YKK AP America, Inc.
- C. Window Framing System:
  - 1. Description: The windows shall be extruded aluminum; 2-1/4" frame depth; Sash shall have mitered corner construction; Factory-assembled.
  - 2. Configuration: The windows shall be Fixed.
  - 3. Glazing: Exterior glazing tape with silicone cap bead; 1" insulating units; Glazing thickness as specified in Division 8 glass and glazing sections.

2.02 MATERIALS

- A. Extrusions: ASTM B 221 (ASTM B 221M), 6063-T5 Aluminum Alloy.
- B. Aluminum Sheet: Anodized Finish:
  - 1. ASTM B 209 (ASTM B 209M), 5005-H14 Aluminum Alloy.

2.03 ACCESSORIES

- A. Manufacturer's Standard Accessories:
  - 1. Sealant: Non-skinning type, AAMA 803.3
  - 2. Glazing: Setting blocks, edge blocks, and spacers in accordance with ASTM C 864, durometer hardness as recommended by manufacturer.
  - 3. Interior break metal: .040 clear anodized aluminum.

2.04 RELATED MATERIALS (Specified In Other Sections)

- A. Glass: Refer to Division 8 Glass and Glazing Section for glass and sealant materials.

2.05 FABRICATION

- A. Shop Assembly: Fabricate and assemble units with joints only at intersection of aluminum members with hairline joints; rigidly secure, and sealed in accordance with manufacturer's recommendations.
- B. Fabrication Tolerance:
  - 1. Material Cuts: Square to 1/32 inch (0.8 mm) off square, over largest dimension; proportionate amount of 1/32 inch (0.8 mm) on the two dimensions.
  - 2. Maximum Offset: 1/64 inch (0.4 mm) in alignment between two consecutive members in line, end to end.
  - 3. Maximum Offset: 1/64 inch (0.4 mm) between framing members at glazing pocket corners.
  - 4. Joints (Between adjacent members in same assembly): Hairline and square to adjacent member.
  - 5. Variation (In squaring diagonals for doors and fabricated assemblies): 1/16 inch (1.6 mm).
  - 6. Flatness (For doors and fabricated assemblies): +/- 1/16 inch (1.8 mm) off neutral plane.

## 2.06 FINISHES AND COLORS

- A. Anodized Finishing: Prepare aluminum surfaces for specified finish; apply shop finish in accordance with the following:
  - 1. Anodic Coating: Electrolytic color coating followed by an organic seal applied in accordance with the requirements of AAMA 612-02. Aluminum extrusions shall be produced from quality controlled billets meeting AA-6063-T5.
    - a. Exposed Surfaces shall be free of scratches and other serious blemishes.
    - b. Extrusions shall be given a caustic etch followed by an anodic oxide treatment and then sealed with an organic coating applied with an electrodeposition process.
    - c. The anodized coating shall comply with all of the requirements of AAMA 612-02.

## PART 3 - EXECUTION

### 3.01 MANUFACTURER'S INSTRUCTIONS / RECOMMENDATIONS

- A. Compliance: Comply with manufacturer's product data, including product technical bulletins, installation instructions, and product carton instructions.

### 3.02 EXAMINATION

- A. Verify substrate conditions are acceptable for product installation in accordance with manufacturer's instructions.

### 3.03 PREPARATION

- A. Protect adjacent work areas and finish surfaces from damage during product installation.

### 3.04 INSTALLATION

- A. General: Install manufacturer's system in accordance with shop drawings, and within specified tolerances.
  - 1. Protect aluminum members in contact with masonry, steel, concrete, or dissimilar materials using nylon pads or bituminous coating.
  - 2. Shim and brace aluminum system before anchoring to structure.
  - 3. Verify window system allows water entering system to be collected in gutters and wept to the exterior. Verify weep holes are open, and metal joints are sealed in accordance with manufacturer's installation instructions.

4. Locate expansion mullions where indicated on reviewed shop drawings.
5. Seal metal to metal window system joints using sealant recommended by system manufacturer.

3.05 ADJUSTING AND CLEANING

- A. Adjusting: Adjust operating items as recommended by manufacturer.
- B. Cleaning: The General Contractor shall clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance, and remove construction debris from project site. Legally dispose of debris.
- C. Protection: The Contractor shall protect installed product's finish surfaces from damage during construction.

END OF SECTION 085113