

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO. 1 DATED 11/16/2004 ADDENDUM NO. \_\_\_\_\_ DATED \_\_\_\_\_  
ADDENDUM NO. \_\_\_\_\_ DATED \_\_\_\_\_ ADDENDUM NO. \_\_\_\_\_ DATED \_\_\_\_\_

Number Description  
1 Add Document 00910 Addendum No. 1

TOTAL ADDENDA 1  
(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE \_\_\_\_\_

\_\_\_\_\_  
Contractor

\_\_\_\_\_  
Signature

TITLE \_\_\_\_\_

ADDRESS \_\_\_\_\_

(To be filled in if a corporation)

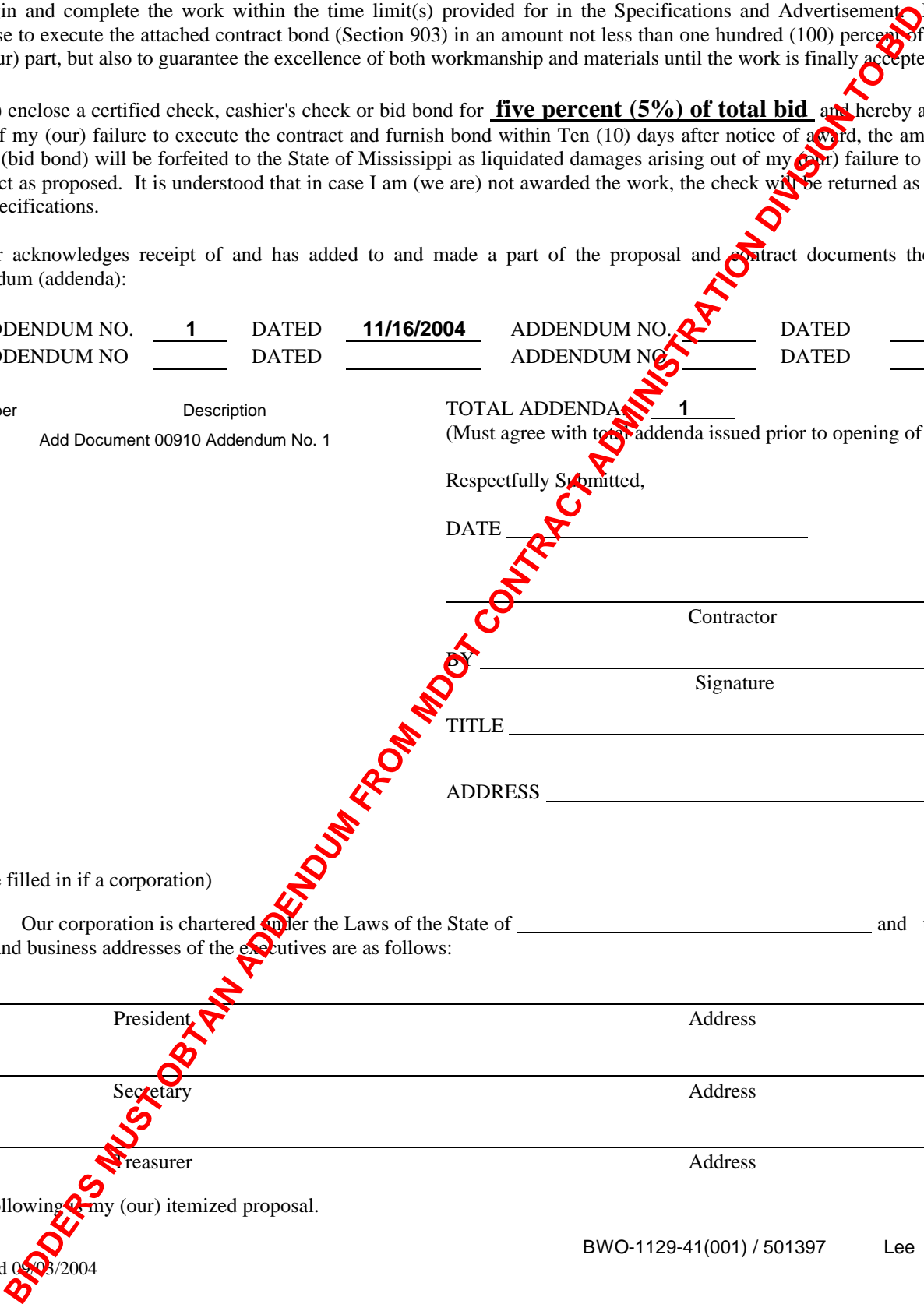
Our corporation is chartered under the Laws of the State of \_\_\_\_\_ and the names, titles and business addresses of the executives are as follows:

\_\_\_\_\_  
President Address

\_\_\_\_\_  
Secretary Address

\_\_\_\_\_  
Treasurer Address

The following is my (our) itemized proposal.



**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**ADDENDUM No. 1  
DOCUMENT 00910**

**DATE:** 11-10-04

**PROJECT:** COMMISSIONER'S OFFICE BUILDING AT TUPELO  
LEE COUNTY

**PROJECT NUMBER:** BWO-1129-41(001) 501397

PART 1 GENERAL

1.01 DESCRIPTION: Bidders are hereby advised that the following changes are to be made to this Contract. Bidders shall acknowledge receipt of this Addendum by inserting its number and date in the designated spaces on their Proposal.

1.02 SPECIFICATIONS

- A. Delete Specification Section 08520 Aluminum Windows and replace with revised Specification Section 08520 Aluminum Windows.

PART 2 PRODUCTS  
Not Used

PART 3 EXECUTION  
Not Used

\*\*\*END OF DOCUMENT\*\*\*

SECTION 08520                      ALUMINUM WINDOWS  
(Revised 11-10-04)

PART 1 GENERAL

- 1.01 SECTION INCLUDES: Extent of aluminum windows is shown on Drawings and in Schedules. Types of aluminum windows required include fixed and operable exterior window units.
- 1.02 RELATED SECTIONS
- A. Section 08800 – Glazing for glazing requirements of aluminum windows, including windows specified herein to be factory pre-glazed.
  - B. Section 09050 – Color Design.
- 1.03 SUBMITTALS
- A. Product Data: Submit manufacturer's sample warranty, specifications, standard details, and installation recommendations for components of aluminum window units required for project, including data that products that have been tested comply with performances requirements.
  - B. Shop Drawings: Submit Shop Drawings for fabrication and installation of aluminum windows, including elevations, detail sections of typical composite members, anchorage, reinforcement, expansion provisions, and glazing.
  - C. Samples: Submit samples of each type and color of aluminum finish, on 12-inch long sections of extrusions or formed shapes and on 6-inch square sheets.
- 1.04 QUALITY ASSURANCE: Comply with applicable provisions of "Metal Curtain Wall, Window, Storefront, and Entrance Guide Specifications Manual" by AAMA.
- A. Manufacturer: Provide aluminum window units and framing system produced by a single firm with minimum 5 years successful experience in fabricating types required for this Project.
  - B. Performance and Testing: Fabricate exterior components from manufacturer's stock systems which have been designed to provide for expansion and contraction resulting from ambient temperature range of 120 degrees F (49 degrees C).
  - C. Wind Loading: Fabricate exterior components from manufacturer's stock systems which have been tested in accordance with ASTM E 330 to withstand Uniform pressure of 24 psf inward and 24 psf outward.
  - D. Weather Resistance: Fabricate exterior framing components from manufacturer's stock systems which have been tested to demonstrate permanent resistance to leakages as follows with test pressure differential of 10% of design loading (excluding operable edges).
  - E. Air infiltration: Maximum 0.06 cfm per square foot, tested in accordance with ASTM E 283.
  - F. Water infiltration: No uncontrolled water penetration, tested in accordance with ASTM E 331.

- G. Field Measurement: Wherever possible, take field measurements prior to preparation of Shop Drawings and fabrication, to ensure proper fitting of work. However, proceed with fabrication and coordinate installation tolerances as necessary when field measurements might delay the Work.
- 1.05 SPECIAL PROJECT WARRANTY: Provide written warranty signed by Manufacturer, Installer, and Contractor, agreeing to replace aluminum windows which fail in materials or workmanship within 3 years of acceptance. Failure of materials or workmanship includes excessive leakage or air infiltration, excessive deflections, faulty operation of entrances, deterioration of finish or construction in excess of normal weathering, and defects in hardware, weather-stripping, and other components of the Work.

## PART 2 PRODUCTS

### 2.01 ACCEPTABLE MANUFACTURERS

- A. Drawings and Specifications are based on Winco 1450L Series as manufactured by Winco Window Company, 6200 Maple Ave., Saint Louis, MO 63130. Tel. (800) 525-8089.
- B. Equivalent products by the following manufacturers are acceptable:
  - 1. Graham Architectural Products, 1551 Mount Rose Ave., York, PA 17403. Tel. (800) 755-6274
  - 2. Peerless Products, Inc., 15500 College Blvd., Lenexa, KS 66219. Tel. (800) 279-9999
- C. Substitutions shall fully comply with specified requirements and Section 01630 - Product Options and Substitution Procedures

### 2.02 MATERIALS AND ACCESSORIES

- A. Aluminum Members: Alloy and temper recommended by manufacturer for strength, corrosion resistance, and application of required finish; ASTM B 221 for extrusions, ASTM B 209 for sheet/plate. Main frame extruded members shall have a minimum depth of 4 inches.
- B. Fasteners: Aluminum, non-magnetic stainless steel, or other materials warranted by manufacturer to be noncorrosive and compatible with aluminum components. Do not use exposed fasteners except where unavoidable for application of hardware. Match finish of adjoining metal. Provide Phillips flat-head machine screws for exposed fasteners.
- C. Concealed Flashing: Dead-soft stainless steel, 26 gage minimum, type selected by manufacturer for compatibility.
- D. Brackets and Reinforcements: Manufacturer's high-strength aluminum units where feasible; otherwise, nonmagnetic stainless steel or hot-dip galvanized steel complying with ASTM A 386.
- E. Clear Protective Coatings: AAMA 602.2, compounded specifically for protection of aluminum finish during construction.
- F. Compression Weather-stripping: Manufacturer's standard replaceable stripping of either molded neoprene gaskets, molded PVC gaskets or thermoplastic rubber.

- G. Glass and Glazing Materials: Provide glass and glazing materials that comply with requirements of Section 08800 of these Specifications.
- 2.03 HINGES: Extruded three knuckle butt hinges with nylon bushings and 4 bar stainless steel arms.
- 2.04 LOCKS: Cam type.
- 2.05 FABRICATION: Required sizes for frame units, including profile requirements, are shown on drawings. Any variable dimensions are indicated, together with maximum and minimum dimensions required to achieve design requirements and coordination with other Work. Details shown are based upon standard details by manufacturer indicated. Similar details by other manufacturers listed will be acceptable, provided they comply with other requirements, including profile limitations.
  - A. Prefabrication: To greatest extent possible, complete fabrication assembly, finishing, hardware application, and other work before shipment to project site. Disassemble components only as necessary for shipment and installation. Preglaze window units to greatest extent possible, in coordination with installation and hardware requirements. Do not drill and tap for surface-mounted hardware items until time of installation at Project Site.
  - B. Sequence: Complete cutting, fitting, forming, drilling, and grinding of metal work prior to cleaning, finishing, surface treatment, and application of finishes. Remove arises from cut edges and ease edges and corners to radius of approximately 1/64".
  - C. Welding: Comply with AWS recommendations to avoid discoloration; grind exposed welds smooth and restore mechanical finish.
  - D. Reinforcing: Install reinforcing as necessary for performance requirements; separate dissimilar metals with bituminous paint or other separator that will prevent corrosion.
  - E. Continuity: Maintain accurate relation of planes and angles, with hairline fit of contacting members.
  - F. Fasteners: Conceal fasteners wherever possible.
- 2.06 OPERATOR: Roto Operator HC-2 (RH).
- 2.07 SILLS: Provide extruded sills equal to those manufactured by Winco. Sizes shown on Drawings.
- 2.08 SCREENS: Provide manufacturer's standard aluminum screen at operable units.
- 2.09 FINISHES: Kynar 500 (70% PVDF), AAMA 2605, finish to be selected by MDOT Architect from manufacturer's full range of standard colors available. Protect finishes promptly after drying by applying clear protective coating not less than 0.5 mils dry film thickness.

### PART 3 EXECUTION

- 3.01 INSTALLATION: Comply with manufacturer's instructions and recommendations for installation of aluminum windows. Set units plumb, level, and true to line, without warp or rack of framing members. Anchor securely in place, separating aluminum and other corrodible metal surfaces from sources of corrosion or electrolytic action at points of contact with other materials.
- A. Set sill members and other members in bed of compound as shown, or with joint fillers or gaskets as shown to provide weather-tight construction. Comply with requirements of Section 07920 for caulking and sealant.
  - B. Refer Section 08800 - Glazing for installation of glass to be glazed into windows.
- 3.02 ADJUSTING AND CLEANING: Adjust operating hardware to function properly, without binding, and to provide tight fit at contact points and weather-stripping.
- A. Clean completed system, inside and out, promptly after erection and installation of glass and sealants. Remove excess glazing and sealant compounds, dirt, and other substances from aluminum surfaces. Remove protective coating when completion of construction activities no longer requires its retention.
  - B. Institute protective measures and other precautions required to assure that aluminum entrances and storefronts will be without damage or deterioration, other than normal weathering, at time of acceptance.

\*\*\*END OF SECTION\*\*\*