

Bedford County Department of Finance

200 Dover Street, Suite 102
Shelbyville, TN 37160
(931) 685-2024 FAX (931) 680-1029

Request for Proposal

**Windows for Central Office Building
Bedford County Board of Education
Bid No. 17-16**

The Bedford County Department of Finance is requesting proposals for Windows for the Central Office Building for the Bedford County Board of Education. **Sealed bids will be received until 2:00 p.m., Monday, December 12, 2016**, in the office of the Bedford County Department of Finance and will be opened publicly at that time. The Department of Finance reserves the right to reject any and all bids and waive any irregularities for the purpose of ensuring that the award given is in the best interest of Bedford County. Any bids received after the scheduled closing time for receipt of bids will be returned to the bidder unopened.

GENERAL BID TERMS AND CONDITIONS

Proposals from all responsible bidders will be considered. To qualify as a responsible bidder, the proposal submitted must:

- 1. Meet or exceed the minimum requirements specified.**
- 2. Furnish all documents requested by the representative of the Bedford County Department of Finance prior to and following the bid opening.**
- 3. Submit their completed bid prior to the bid opening date and time.**
- 4. Have bid name and bid number placed on the outside lower left corner of the sealed envelope containing the bid form. (Facsimile bids will not be considered.)**

Award

A purchase order from the Bedford County Department of Finance will be issued to the successful bidder acknowledging the award. A copy of these terms and conditions, specifications and the vendor's proposal form will become a part of the purchase order.

Prospective bidders may contact Daniel Kleindiest at the School Maintenance Department at (931) 684-6961 for any questions as to the specifications of the bid.

Lowest and/or best bid will be awarded.

Other Considerations

Bedford County Department of Finance reserves the right to purchase only those bid items and quantities that conform to overall budgetary, functional, and performance constraints.

The terms of this bid will be extended to other local government agencies, other municipalities, and Boards of Education. Bedford County is responsible only for purchases made and received by Bedford County.

INSTRUCTIONS TO BIDDERS

All Proposals are to be made be on the Proposal Form provided. Bids must be delivered in hand or by a mail service in a sealed envelope marked on the outside lower left corner, **Bid No. 17-16 Central Office Windows.** Bids will be received and opened on **Monday, December 12, 2016, at 2:00 p.m.** **Any bids received after the scheduled closing time for receipt of bids will be returned to the bidder unopened.**

Proposals are to be made complete in every detail as required and called for by said Proposal Form. Proposals that are incomplete, conditional, contain irregularities of any kind, or which are not in accord with the Instructions to Bidders and Proposal Form furnished by the Department of Finance may be rejected as informal.

The submission of a proposal will signify that the Bidder has thoroughly familiarized himself with all conditions and that he fully understands what will be expected of the successful bidder.

The Department of Finance reserves the right to reject, without liability whatsoever, any or all bids submitted, and waive informalities therein, if deemed by the Department of Finance for their best interest to do so.

BCBOE – CENTRAL OFFICE – SPECIFICATIONS

08 42 00 Aluminum Storefront Entrance

2.1 MANUFACTURERS

- A. Basis of Design: Product specified is "Standard Entrances" as manufactured by Tubelite, Inc. Items specified are to establish a standard of quality for design, function, materials, and appearance. Equivalent products by listed manufacturers are acceptable. The Architect will be the sole judge of the basis of what is equivalent.
1. Product shall be American-made.
 2. Kawneer North America
 3. Tubelite
 4. Oldcastle

2.2 MATERIALS

- A. Wide Stile Doors: Provide Wide (5 inches [127.5 mm]) stile doors and frames.
- B. Hardware: Stock entrance doors and frames shall have standard hardware as furnished by the manufacturer as follows: Offset Pivot Doors: Hardware to be provided includes, but shall not be limited to, top and bottom pivots with Intermediate, push bar, pull handle, threshold, Concealed Vertical Rod Panics, 1" Glass Stops, Clear Anodized Hardware, Surface Mounted Door Closer with Cover

2.3 FINISHES

- A. General: Comply with NAAMM MFM for recommendations relative to application and designation of finishes. Finish designations prefixed by "AA" conform to the system established by the Aluminum Association for designating aluminum finishes.
- B. Finishes to be Clear Anodized or Bone White Painted Standard Two-Coat Polyvinylidene Fluoride (PVDF) Finish Coating. To be selected from Samples.

END OF SECTION 08 42 00

BCBOE – CENTRAL OFFICE – SPECIFICATIONS

PART 1- GENERAL

1.01 SECTION INCLUDES

- A. Aluminum-framed storefronts.

1.02 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with at least five (5) years of documented experience.
- B. Installer: Company specializing in performing work of this section and approved by manufacturer with at least five (5) years of documented experience.
- C. Source Limitations: Obtain each component of storefront and entrance systems from single source and from single manufacturer.

PART 2- PRODUCTS

2.01 MANUFACTURER

- A. Aluminum-Framed Storefront:
 - 1. Tubelite Inc.: T14000 Series - Aluminum-Framed
 - 2. Kawneer North America – 451T Series
 - 3. Oldcastle - FG3000 Series Thermal Center Set

2.02 ALUMINUM-FRAMED STOREFRONT

- A. Aluminum-Framed Storefront: Factory fabricated, factory finished aluminum screw-spline non thermal framing members with infill, and related flashings, anchorage and attachment devices.
 - 1. Shop or field assembly.
 - 2. Glazing Rabbet: Allows for 1 inch thick glazing panel.
 - 3. Glazing Position: Center of frame.
 - 4. Mullion Dimensions: 2 by 4 1/2 inch deep. Thermally Broken

END OF SECTION 08 43 00

BCBOE – CENTRAL OFFICE – SPECIFICATIONS

SECTION 08 80 00 - GLAZING

PART 1 - GENERAL

1.1 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Glass Samples: For each type of glass product other than clear monolithic vision glass. The following products:
 - 1. Coated, Insulated Glass (12 inches square)
- C. Glazing Accessory Samples: For sealants, in 12-inch lengths. Install sealant samples between two strips of material representative in color of the adjoining framing system.

1.2 WARRANTY

- A. Manufacturer's Special Warranty for Coated-Glass Products: Manufacturer agrees to replace coated-glass units that deteriorate within specified warranty period. Deterioration of coated glass is defined as defects developed from normal use that are not attributed to glass breakage or to maintaining and cleaning coated glass contrary to manufacturer's written instructions. Defects include peeling, cracking, and other indications of deterioration in coating.
 - 1. Warranty Period: Ten 10 years from date of Substantial Completion.
- B. Fabricator's Special Warranty for Insulating Glass: Manufacturer agrees to replace insulating-glass units that deteriorate within specified warranty period. Deterioration of insulating glass is defined as failure of hermetic seal under normal use that is not attributed to glass breakage or to maintaining and cleaning insulating glass contrary to manufacturer's written instructions. Evidence of failure is the obstruction of vision by dust, moisture, or film on interior surfaces of glass.
 - 1. Warranty Period: Ten 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Product: AGC Glass Company North America; Contact: Meghan Beach,
11175 Cicero Dr. Suite 400; Alpharetta, GA 30022
Toll Free Tel: 800-251-0441; Tel: 704-534-1835
Email: meghan.beach@us.agc.com; Web: www.us.agc.com/building
- B. FABRICATORS:
Trulite Glass and Aluminum Solutions; Contact: Steve Brisbin
2522 Westcott Blvd, Knoxville, TN 37931
Phone: (865) 691-2040
Email: sbrisbin@trulite.com Web: www.trulite.com

SECTION 08 88 00 – GLAZING

BCBOE – CENTRAL OFFICE – SPECIFICATIONS

- C. Source Limitations for Glazing Accessories: Obtain from single source from single manufacturer for each product and installation method.

2.2 GLASS PRODUCTS

- A. Ceramic-Coated Spandrel Glass:
 - 1. Compliance: ASTM C 1048, Condition C, Type I, Quality-Q3, and complying with other requirements specified.
 - 2. Provide Ceramic Coated Spandrel.
 - 3. Glass: Clear float.
 - 4. Coating Color: Black

- B. Sputtered Coated Low-Emissivity Tinted Vision Glass: ASTM C 1376, coated by sputtered process, ASTM C 1036, Type I, Quality-Q3, Class I (clear) unless otherwise indicated, and complying with other requirements specified.
 - 1. Basis-of-Design Product: AGC Glass - Energy Select™ 36

2.3 MONOLITHIC GLASS SCHEDULE

- A. Glass Type **GL-1**: Clear Float Glass.
 - 1. Basis-of-Design Product: AGC Glass Company North America, Inc
 - 2. Minimum Thickness: **6 mm**.
 - 3. Strength: Tempered

2.4 INSULATING GLASS SCHEDULE

- A. Glass Type **GL-2**: Tempered, Tinted Low-E Insulating Glass. (6mm, 12.7mm, 6mm)
 - 1. Basis-of-Design Product: AGC Glass Company North America, Inc
 - 2. Overall Unit Thickness: 24.7mm.
 - 3. Outboard Lite: 6mm **Gray** float glass
 - 4. Outboard Lite Coating: None
 - 5. Heat Treatment for Outboard Lite: Tempered
 - 6. Interspace Content: 12.7mm **Air**.
 - 7. Inboard Lite: 6mm **Clear** float glass.
 - 8. Inboard Lite Coating: **Energy Select 36 on #3**
 - 9. Heat Treatment for Inboard Lite: Tempered

- B. Glass Type **GL-3**: Low-E with Spandrel Insulating Glass Unit (6mm, 12.7mm, 6mm)
 - 1. Basis-of-Design Product: AGC Glass Company North America, Inc
 - 2. Overall Unit Thickness: 24.7mm.
 - 3. Outboard Lite: 6mm **Gray** float glass
 - 4. Outboard Lite Coating: None
 - 5. Heat Treatment for Outboard Lite: Heat Strengthened.
 - 6. Interspace Content: 12.7mm **Air**.
 - 7. Inboard Lite Coating: Ceramic-Coated glass (6mm) on #4.
 - 8. Ceramic Frit Color: **Black**

END OF SECTION 08 80 00

SECTION 08 88 00 – GLAZING

Quote includes Demo of existing steel sash windows and wood doors/frames at Central Office Building. New Thermally Broken Aluminum Storefront in Bone White Color. Glass to be 1" Overall Tempered Solargray over ES36 Low-E Clear. Bathroom windows will be 1" Overall Solargray Tint over Obscure Pattern Tempered Insulated Glass. Spandrel Glass of Black (or other selected standard colors) to cover where ceiling meets frames.

NORTH SIDE:

5 -- 64" x 144" - these will be divided into two sections. Bottom up to 71" will have a 1" low "e" over standard tint, tempered insulated units; from 71" to top will be a 1" Spandrel unit to cover the ceiling/floor that is visible.

5 -- 64" x 104" - will be divided into two sections - 20" lite at the top with a 1" Spandrel unit and the remaining lite to be a 1" low "e" over standard tint, tempered insulated unit

2 -- 64" x 126" custom size pairs of doors with 1 3/4" x 4 1/2" non-transom frame, offset pivots, 1" glass stops, 10" bottom rail, concealed vertical rod panics

2 -- 72" x 72" octagon windows a 1" low "e" over standard tint, tempered insulated unit

SOUTH SIDE:

4 -- 260" x 94" windows, divided into 5 sections each. Each section will be divided into two (2) lites - top lite will be approx. 20" and will have a 1" Spandrel unit (obscure) to hide the ceiling that is visible. Bottom lite will be 1" low "e" over standard tint, tempered insulated units

1 -- 140" x 94" divided into three (3) sections. Each section will be divided into two (2) lites - top lite will be approx. 20" and will have a 1" Spandrel unit (obscure) to hide the ceiling that is visible. Bottom lite will be 1" low "e" over standard tint, tempered insulated units

2 -- 64" x 144" above doors, with 1" low "e" over standard tint, tempered insulated units

1 -- 21" x 36" - with a 1" low "e" over standard tint, tempered insulated unit

2 -- 38" x 92" divided into two lites each - a 20" lite at the top with a 1" Spandrel unit and the remaining lite to be a 1" low "e" over standard tint, tempered insulated unit

1 -- 36" x 87" single right-hand door with 1 3/4" x 4 1/2" non-transom frame, offset pivots, 1" glass stops, 10" bottom rail, concealed vertical rod panic

EAST SIDE:

4 -- 260" x 94" windows, divided into 5 sections each. Each section will be divided into two (2) lites - top lite will be approx. 20" and will have a 1" Spandrel unit (obscure) to hide the ceiling that is visible. Bottom lite will be 1" low "e" over standard tint, tempered insulated units

2 -- 50" x 75" bathroom windows. These will have 1" standard tint over standard obscure, tempered insulated units.

WEST SIDE:

4 -- 260" x 94" windows, divided into 5 sections each. Each section will be divided into two (2) lites - top lite will be approx. 20" and will have a 1" Spandrel unit (obscure) to hide the ceiling that is visible. Bottom lite will be 1" low "e" over standard tint, tempered insulated units

2 -- 50" x 75" bathroom windows. These will have 1" standard tint over standard obscure, tempered insulated units.

1 -- 62" x 48" single window, with a 1" low "e" over standard tint, tempered insulated unit

**Estimate includes lift rental.

***ALTERNATE: To change the four (4) restroom windows to operators

Excluded:

* After hours premium labor

* Structural Review

* Permits and Inspections by others.

* Certified Payroll

* Disconnecting and connecting of Electrical and HVAC by others.

PROPOSAL FORM

**TO: Bedford County Department of Finance
200 Dover Street, Suite 102
Shelbyville, Tennessee 37160**

Re: Bid No. 17-16

Gentlemen:

Having examined the specifications for Windows at the Board of Education Central Office, we (I) submit the following proposal:

North Side Windows	\$ _____
South Side Windows	\$ _____
East Side Windows	\$ _____
West Side Windows	\$ _____
Total Project	\$ _____

Company Name: _____

Mailing Address: _____

Signature and title of bidder: _____

Date: _____

Telephone Number: _____

Email: _____