

ADDENDUM NUMBER 1:
Student Transportation Services for the Portsmouth School Department
RFP #48-11

Issued: June 9, 2011

This Addendum forms part of the original document marked: **#48-11, Student Transportation Services for the Portsmouth School Department**

A. Summer School:

1. **There is a requirement to provide summer school transportation.**

Duration: Monday 7/11/11 thru Thursday 8/4/11 (daily Monday thru Thursday)

Start Time: 9:00 AM

End Time : 12:00 Noon

Location: New Franklin School

Expected population: 50 to 60 Elementary students

Routes: Citywide to New Franklin and return

Busses: estimated at 3. (actual # to be determined after student sign up is completed at the end of June)

All else remains unchanged from original document.

Please acknowledge this addendum within your proposal. Failure to do so may cause a bidder to be disqualified.

End of Addendum #1

SECTION 085200 - WOOD WINDOWS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes aluminum-clad wood replacement windows.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: Include plans, elevations, sections, hardware, accessories, insect screens, operational clearances, and details of installation, including anchor, flashing, and sealant installation.
- C. Samples: For each exposed product and for each color specified, 2 by 4 inches in size.
- D. Product Schedule: For wood windows. Use same designations indicated on Drawings.

1.3 INFORMATIONAL SUBMITTALS

- A. Product test reports.
- B. Sample warranties.

1.4 WARRANTY

- A. Manufacturer's Warranty: Manufacturer agrees to repair or replace wood windows that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period:
 - a. Window: 10 years from date of Substantial Completion.
 - b. Glazing Units: 20 years from date of Substantial Completion.
 - c. Aluminum-Cladding Finish: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide aluminum clad wood replacement windows (fixed, double hung & project out) by Marvin Windows & Doors with "simulated divided lite" grilles or comparable product (aluminum) by one of the following:
 - 1. Aluminum-Clad Wood Windows:
 - a. Marvin Windows & Doors

- b. [Kolbe & Kolbe Millwork Co., Inc.](#)
- c. [Pella Corporation.](#)
- d. [Weather Shield Mfg., Inc.](#)

2.2 WINDOW PERFORMANCE REQUIREMENTS

- A. Product Standard: AAMA/WDMA/CSA 101/I.S.2/A440.
 - 1. Minimum Performance Class: LC.
 - 2. Minimum Performance Grade: 30 for double hung, 35 for project out.

2.3 WOOD WINDOWS

- A. Operating Types: As indicated on Drawings.
- B. Frames and Sashes: Fine-grained wood lumber complying with AAMA/WDMA/CSA 101/I.S.2/A440; kiln dried to a moisture content of not more than 12 percent at time of fabrication; free of visible finger joints, blue stain, knots, pitch pockets, and surface checks larger than 1/32 inch deep by 2 inches wide; water-repellent preservative treated.
 - 1. Exterior Finish: Aluminum-clad wood.
 - a. Aluminum Finish: Manufacturer's standard fluoropolymer two-coat system with fluoropolymer color topcoat containing not less than 70 percent polyvinylidene fluoride resin by weight and complying with AAMA 2605.
 - b. Color: As selected by Architect from manufacturer's full range.
 - 2. Interior Finish: Manufacturer's standard factory-prime coat and one factory finish coat (white).
- C. Insulating-Glass Units: ASTM E 2190.
 - 1. Glass: ASTM C 1036, Type 1, Class 1, q3.
 - a. Tint: Clear.
 - b. Safety Glass: Provide Kind FT, fully tempered, labeled safety glass where required by code.
 - 2. Lites: As per window schedule (see Drawings).
 - 3. Filling: Fill space between glass lites with argon.
 - 4. Low-E Coating: Pyrolytic on second surface.
- D. Glazing System: Manufacturer's standard factory-glazing system that produces weather-tight seal.
- E. Hardware, General: Manufacturer's standard corrosion-resistant hardware sized to accommodate sash weight and dimensions.
 - 1. Exposed Hardware Color and Finish: As selected by Architect from manufacturer's full range.
- F. Projected Window Hardware:
 - 1. Hinges: Manufacturer's standard type for sash weight and size indicated.

2. Single-Handle Locking System: Operates positive-acting arms that pull sash into locked position.
 3. Limit Devices: Limit clear opening to 6 inches for ventilation.
- G. Hung Window Hardware:
1. Counterbalancing Mechanism: AAMA 902.
 2. Locks and Latches: Operated from the inside only.
 3. Tilt Hardware: Releasing tilt latch allows sash to pivot about horizontal axis.
- H. Weather Stripping: Provide full-perimeter weather stripping for each operable sash unless otherwise indicated.
- I. Fasteners: Noncorrosive and compatible with window members, trim, hardware, anchors, and other components.
1. Exposed Fasteners: Do not use exposed fasteners to the greatest extent possible. For application of hardware, use fasteners that match finish hardware being fastened.

2.4 ACCESSORIES

- A. Dividers: Provide divider grilles in designs indicated for each sash lite.
1. Quantity and Type: Two per sash, permanently located at exterior and interior lites.
 2. Material: Manufacturer's standard.
 3. Pattern: SIMULATED DIVIDED LITES (SDL)

7/8 inch (22 mm) wide; 1-1/8 inch (29 mm) wide; (with internal spacer bars).
Exterior muntins: 0.055 inch (1.4 mm) thick extruded aluminum.
Interior muntins: Pine; Muntins adhered to glass with double coated acrylic foam tape.
Pattern: Rectangular. Finish: Match sash finish.
 4. Profile: 7/8" with aluminum spacer bar.
 5. Color: As selected by Architect from manufacturer's full range.

2.5 FABRICATION

- A. Fabricate wood windows in sizes indicated. Include a complete system for installing and anchoring windows.
- B. Glaze wood windows in the factory.
- C. Weather-strip each operable sash to provide weather-tight installation.
- D. Complete fabrication, assembly, finishing, hardware application, and other work in the factory to greatest extent possible. Disassemble components only as necessary for shipment and installation. Allow for scribing, trimming, and fitting at Project site.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Comply with manufacturer's written instructions for installing windows, hardware, accessories, and other components. For installation procedures and requirements not addressed in manufacturer's written instructions, comply with installation requirements in ASTM E 2112.
- B. Install windows level, plumb, square, true to line, without distortion, anchored securely in place to structural support, and in proper relation to wall flashing and other adjacent construction to produce weather-tight construction.
- C. Adjust operating sashes and hardware for a tight fit at contact points and weather stripping for smooth operation and weather-tight closure.
- D. Clean exposed surfaces immediately after installing windows. Remove excess sealants, glazing materials, dirt, and other substances.
- E. Remove and replace sashes if glass has been broken, chipped, cracked, abraded, or damaged during construction period.

END OF SECTION 085200