

September 24, 2010

Addendum #4

Construction Trades Vocational Labs

Lenoir Community College

Kinston, NC

Owner LCC.
 Mr. Bruce Parson
 231 Hwy 58 S.
 Kinston, NC

Bidding 3:00 pm September 28

The following items clarify, add to, delete from and / or otherwise modify and supersede previously issued Bid Documents. This Addendum, the contents herein and attachments, is hereby a part of the Bid Documents and is incorporated into the Contract for Construction.

1. **Wood Doors Specification 08200** – is attached.

End of Addendum #4

Attachments:

1. Spec Section 08200

RELATED DOCUMENTS:

The general provisions of the Contract, including General and Supplementary Conditions, and General Requirements, apply to the work specified in this Section.

PART I - GENERAL

DESCRIPTION OF WORK:

Work of this Section shall include furnishing, delivering, and storing where directed at site, the following:

Solid Core Wood Doors, as shown on drawings and specified herein.

INDUSTRY STANDARDS:

For listing of names of industry standard agencies mentioned by abbreviation in this Section refer to Section 01068.

QUALITY ASSURANCE:

MANUFACTURERS:

Standards: For purposes of designating type and quality for work under this Section, Drawings and Specifications are based on products manufactured or furnished by Weyerhaeuser Company.

Acceptable Manufacturers: Products of following manufacturers, meeting all requirements of these specifications, will also be acceptable.

Eggars Doors
Buell Door

Samples: Sample corner section of door indicating edge, top/and/or bottom construction, core and hardware reinforcement.

Certificates: Provide certificate from manufacturer stating compliance with these specifications.

Guarantee: Provide guarantee for life of installation.

PRODUCT HANDLING:

Storage: Store doors at site so as to raise edges off floor and away from walls, letting air circulate freely. Store in enclosed area free from excessive heat, cold and humidity. Do not install scratched, dented or otherwise damaged doors in work.

Packaging: Door Manufacturer shall package doors in a manner to provide protection until they are installed.

Coordination: Provide Door Manufacturer with following:

- Two (2) copies of approved door schedule and Shop Drawings.
- Two (2) copies of approved door schedule.
- Two (2) copies of the approved hardware schedule.
- One (1) copy of floor plan of building, showing Architect's marks and opening identification.
- Two (2) sets of templates for applicable locks, hinges and other finish hardware.

PART 2 - PRODUCTS

SOLID CORE DOORS:

Construction: Doors shall be flush type, solid core. Doors shall be 1-3/4" thick and shall be widths and height shown on door schedule. All doors between use areas and corridors and all smoke doors shall be 20 minute fire rated unless required to be of higher rating.

Veneer: Face veneer to be plain sliced clear birch, stain grade.

Core shall be of one piece slab, 3 ply particle board, density 24# per cu. ft. or greater bonded to stiles and rails with Type II adhesive, using high frequency method.

Vertical stiles shall be one piece of 3/4" thick hardwood. An inner stile of 3/4" hardwood shall be laminated to outer stile to provide minimum thickness after trimming of 13/8". Top and bottom rails shall be of same construction, but of any hardwood with a density greater than .050. Blocking shall be provided where mortise closers or other similar devices occur.

Openings: Factory cut openings for glass. At least " shall remain between door edges and cutouts.

Glass: 1/4" tempered glass will be furnished and installed under Section 08800.

Adhesive: Adhesive shall be throughout door construction in accordance with CS 35.

Finish: Doors shall be provided prefinished, stain color to be selected by Architect from Manufacturer's standard finishes.

COMPOSITE FIRE DOORS:

Construction shall conform to Underwriter's Laboratories Class "B" 1-1/2 Hr. and Class "C" 3/4 Hr. rating requirements and shall have been tested in accordance with ASTM E 152 for fire resistance, heat transmission, and structural integrity.

Core: Core shall be calcium silicate with non-asbestos fibers, 22# nominal density. Core shall be jointed together with tongue-and-groove joints in accordance with Underwriter's Laboratories, Inc. procedure manual. Core shall be smoothly sanded prior to application of crossband and face veneer.

Edge Bands: Label "C" 3/4 hour doors shall have maple edge bands treated with Class "A" fireproofing agent. Top rail shall be 1/2", stiles shall be 5/8", and bottom rail shall be 2-3/8". "B" label, 1-1/2-hour doors, top rail and stiles shall be 1" minimum, consisting of 1/4" treated maple outer member and 3/4" high density, non-combustible inner member. Bottom rail shall be 2-3/8" treated maple.

Adhesive: Core and edge banding shall be bonded together with waterproof resin glue. Core, crossband and face veneer shall be bonded with Type I adhesive by Hotplate process.

Vision panels and glass lights where indicated on plans, furnish and install vision panels glazed with 1/4" tempered glass. Glass stops for all doors shall be factory painted steel.

HARDWARE PREPARATION:

Machining: Doors shall be factory machined for application of finish hardware that required cutting of door (except surface applied hardware).

Coordination: Door manufacturer shall assume responsibility of properly coordinating hardware schedule, door schedule, and hollow metal frame shop drawings and shall supply machined doors individually identified for proper openings.

LOCATION OF HARDWARE: Refer to Section 08700.

PART 3 - EXECUTION

CONDITION OF SURFACES:

Frames shall be set plumb and secure before installation of doors.

Responsibility: Contractor will be held responsible for correct door frame installation. Frames out of square, cocked at bottom or bowed in or out along vertical jambs more than 1/8" shall be reinstalled.

Temperature and Humidity: Doors shall not be installed until areas of installation have temperature and humidity near that of completed building.

DOOR INSTALLATION:

Hanging: Doors shall be fitted, hung plumb, and true to within following allowable warpage tolerances: 1/4" for doors of areas 10 sq. ft. or greater, 1/8" for doors under area of 10 sq. ft. Install fire doors in accordance with NFPA Pamphlet 80 and U.L., Inc., requirements.

Clearances: Provide clearances of 1/8" at sides and top; lock edge shall have required bevel to clear frame. Provide at bottom, for specific locations, minimum adequate clearance of finish floor coverings and/or thresholds, not to exceed 3/4". Provide other undercuts as required.

Factory machined doors improperly sized for opening or improperly machined for hardware by Door Manufacturer shall be rejected and returned to factory for proper replacement.

GLAZING:

Set glass against fixed molding with specific glazing compound.

END OF SECTION