

Addendum 3

Project Title: Renovation of Washrooms in building 49
Experimental Farm (CEF), Ottawa (Ontario)

Central

Solicitation No: 15-1353

January 7, 2016

The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents and is to be read, interpreted, and coordinated with all other parts. The cost of all contained herein is to be included in the contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above-named project to the extent referenced and shall become part thereof. **Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject the Bidder to disqualification.**

DRAWINGS AND SPECIFICATIONS

DIVISION 02 (French version only)

Section 02 82 00 .02

Sub section 1.1.3

Delete: Enlèvement et jetage hors-site d'approximativement 170 pieds linéaires de carreaux de tuiles contenant de l'amiante dans la pièce 207.

Insert: Enlèvement et jetage hors-site d'approximativement 170 pieds carré de carreaux de tuiles contenant de l'amiante dans la pièce 207.

DIVISION 08

Insert missing Section 08 14 16, 4 pages, attached (FLUSH WOOD DOORS).

DIVISION 09

Insert missing Section 09 22 27, 1 page, attached (Acoustical Suspension: Suspension System)

Clarification

Reference Drawing ID-2

Equipment, Demolition and Partition Plan

Demolition - General Notes

Note # 8

Delete: Contractor to remove all suspended ceiling tiles as required and to provide allowance for replacement of existing suspended ceiling tiles damaged during removal and reinstallation for new work. Allowance for replacement of suspended ceiling tile to be



Addendum 3

Project Title: Renovation of Washrooms in building 49
Experimental Farm (CEF), Ottawa (Ontario)

Central

Solicitation No: 15-1353

January 7, 2016

determined by Departmental Representative and/ or Property Manager prior to award of contract during tender

Insert: Contractor to remove all suspended ceiling tiles as required and to provide allowance for replacement of existing suspended ceiling tiles damaged during removal and reinstallation for new work. Allow for replacement of twenty (20) suspended ceiling tiles.

Q & A

Q1. In division 2, section 02 82 00 .02 of specifications, sub section 1.1.2 – Is the 2 square feet of pipe insulation debris by location or for all locations?

A1. Removal of approx.2 sq. ft. at the base of the floor in three separate locations, for a total of six (6) sq. ft.

Q2. In division 2, section 02 82 00 .02 of specifications, sub section 1.1.2 – Is it 2 square feet or 2 linear feet of pipe insulation?

A2. 2 square feet of pipe insulation.

Q3. What is the height from the floor to the ceiling surface and the floor to the underside of the slab?

A3. For the basement washrooms, the only washrooms with a suspended ceiling, the approximate height from the floor to the suspended ceiling tile is 2390mm. The approximate height from the floor to the concrete ceiling slab is 3555mm.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME

PART 1 - GENERAL

1.1 RELATED REQUIREMENTS

- .1 Section 01 33 00 – Submittal Procedures.
- .2 Section 06 20 00 - Finish Carpentry.
- .3 Section 08 11 00 - Metal Doors and Frames.
- .4 Section 08 71 00 - Door Hardware.
- .5 Section 08 80 50 - Glazing.

1.2 REFERENCES

- .1 Architectural Woodwork Manufacturers Association of Canada (AWMAC).
 - .1 Quality Standards for Architectural Woodwork 1998.
- .2 Canadian General Standards Board (CGSB).
 - .1 CAN/CGSB-71.19-M88, Adhesive, Contact, Sprayable.
 - .2 CAN/CGSB-71.20-M88, Adhesive, Contact, Brushable.
- .3 Canadian Standards Association (CSA International).
 - .1 CSA A440.2-98, Energy Performance of Windows and Other Fenestration Systems.
 - .2 CSA O115-M1982(R2001), Hardwood and Decorative Plywood.
 - .3 CAN/CSA O132.2 Series-90(R1998), Wood Flush Doors.
 - .4 CAN/CSA-O132.5-M1992(R1998), Stile and Rail Wood Doors.
 - .5 CAN/CSA-Z808-96, A Sustainable Forest Management System: Guidance Document.
 - .6 CSA Certification Program for Windows and Doors 00.
- .4 Environmental Choice Program (ECP).
 - .1 CCD-045-92, Sealants and Caulking Compounds.
 - .2 CCD-046-92, Adhesives.
- .5 National Fire Protection Association (NFPA).
 - .1 NFPA 80-1999, Standard for Fire Doors and Fire Windows.
 - .2 NFPA 252-1999, Standard Method of Fire Tests of Door Assemblies.
- .6 Underwriters' Laboratories of Canada (ULC).
 - .1 CAN-4S104M-80(R1985), Fire Tests of Door Assemblies.
 - .2 CAN4-S105M-85 (R1992), Fire Door Frames Meeting the Performance Required by CAN4-S104.

1.3 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Product Data:
 - .1 Submit manufacturer's printed product literature, specifications and data sheet in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Submit two copies of WHMIS MSDS - Material Safety DataSheets in

accordance with Section 01 33 00 - Submittal Procedures.

Indicate VOC's:

- .1 For caulking materials during application and curing.
- .2 For door materials and adhesives.

.2 Shop Drawings:

- .1 Submit shop drawings in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Indicate door types and cutouts for lights and louvres, sizes, core construction, transom panel construction and cutouts.

1.4 SAMPLES

.1 Submit samples in accordance with Section 01 33 00 - Submittal Procedures.

.2 Submit one 300 x 300 mm corner sample of each type wood door.

.3 Show door construction, core, glazing detail and faces.

.4 Manufacturer's Instructions:

- .1 Submit manufacturer's installation instructions.

1.5 QUALITY ASSURANCE

.1 Regulatory Requirements:

- .1 Wood fire rated doors: labeled and listed by an organization accredited by Standards Council of Canada.
- .2 Test Reports: certified test reports showing compliance with specified performance characteristics and physical properties.
- .3 Certificates: product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.

1.6 DELIVERY, STORAGE, AND HANDLING

.1 Storage and Protection:

- .1 Protect doors from dampness. Arrange for delivery after work causing abnormal humidity has been completed.

.2 Store doors in well ventilated room, off floor, in accordance with manufacturer's recommendations.

.3 Protect doors from scratches, handling marks and other damage. Wrap doors, as required.

.4 Store doors away from direct sunlight.

1.7 WASTE MANAGEMENT AND DISPOSAL

.1 Remove from site and dispose of packaging materials at appropriate recycling facilities.

.2 Dispose of corrugated cardboard, polystyrene, and plastic packaging material in appropriate on-site bin for recycling in accordance with site waste management program.

.3 Unused or damaged glazing materials are not recyclable and must not be diverted to municipal recycling programs.

.4 Divert unused adhesive material from landfill to official hazardous

material collections site approved by Landlord/Property Manager.

.5 Do not dispose of unused paint materials into sewer systems, into lakes, streams, onto ground or in locations where it will pose health or environmental hazard.

PART 2 - PRODUCTS

2.1 WOOD FLUSH DOORS

- .1 Solid core: to CAN/CSA-O132.2.1.
 - .1 Construction:
 - .1 Solid particleboard core: stile and rail frame bonded to particleboard core with wood lock blocks wood blocking, 5-ply construction.
 - .2 Adhesive: Type II (water resistant) for interior doors.

2.2 GLAZING

- .1 Not Applicable

2.3 TRANSOM AND SIDE PANELS

- .1 Construction: to match adjacent doors.
- .2 Meeting edges of doors and side panels: square.

2.4 FABRICATION

- .1 Vertical edge strips to match face veneer.
- .2 Prepare doors for glazing. Provide paint grade hardwood painted to match face of door glazing stops, with mitred corners.
- .3 Bevel vertical edges of single acting doors 3 mm in 50 mm on lock side and 1.5 mm in 50 mm on hinge side.
- .4 Radius vertical edges of double acting doors to 6 mm radius.

PART 3 - EXECUTION

3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.

3.2 INSTALLATION

- .1 Unwrap and protect doors in accordance with CAN/CSA-O132.2 Series, Appendix A.
- .2 Install labeled fire rated doors to NFPA 80.
- .3 Install doors and hardware in accordance with manufacturer's printed instructions and CAN/CSA-O132.2 Series, Appendix A.
- .4 Adjust hardware for correct function.

- .5 Install glazing in accordance with Section 08 80 50 - Glazing.
- .6 Install stops.

- .7 Secure transom and side panels by means of stops, concealed fasteners, or countersunk screws concealed by means of wood plugs matching panel in grain and colour.

3.3 ADJUSTMENT

- .1 Re-adjust doors and hardware just prior to completion of building to function freely and properly.

3.4 CLEANING

- .1 Perform cleaning as soon as possible after installation to remove construction and accumulated environmental dirt.
- .2 Remove traces of primer, caulking; clean doors and frames.
- .3 Clean glass and glazing materials with approved non-abrasive cleaner.
- .4 On completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

END OF SECTION

1.0

T-bar grid suspension system specification:

The suspension system to be capable of safely supporting the weight of all items which are designed to be supported by it, including lighting fixtures. Suspended fixtures areas to be supported on the t-bar grid.

Maximum deflection: $\frac{1}{360}$ th of span to ASTM C 635 deflection test.

Basic materials for suspension system: commercial quality cold rolled steel zinc coated.

Exposed tee bar grid components: 15/16" Classic Environmental Stab System: 15/16" face, double web design manufactured of hot-dipped galvanized steel, colour: white, Grid dimensions as indicated to suit panel size. Main tee/cross tee connection to be high tensile quick release clips on cross-tee ends, high tensile quick release clips on cross-tee ends, providing plug-in positive-lock insertion for quick installation and easy removal without the use of tools. Override ends on cross-tees to resist twisting.

Provide all accessories, including matching hemmed angle wall mouldings, galvanized soft annealed steel hanger wire and suspension system accessories as required for a complete installation.

Accessories: hanger wire, hanger inserts, carrying channels, splices, clips, wire ties, retainers and wall moulding flush, to complement suspension system components, as recommended by system manufacturer.

Follow manufacturer's installation instructions and provide confirmation that suspension system meets Building Code provisions for Seismic Requirements.

END OF SECTION