

IFB 15-15 Addenda Two: March 5, 2015

Acknowledgment of Addenda

The undersigned acknowledges receipt of the following addenda to the bidding document:

**THE COMPLETED ACKNOWLEDGEMENT OF ADDENDA FORM
SHOULD BE RETURNED WITH BID RESPONSE PACKAGE: NOT
SENT TO RIPTA SEPARATELY**

NOTE: Failure to acknowledge receipt of all addenda may cause the bid to be considered non-responsive to the solicitation. Acknowledged receipt of each addendum must be clearly established and included with the bid.

Name of Bidder

Street Address

City, State, Zip

Signature of Authorized Official

Date

IFB 15-15 Addenda Two: March 5, 2015

Attached please find the minutes of the Pre-Bid Meeting held on February 27, 2015

New Section 096000 Access Flooring

Please be advised that the Bid Proposal Submittal Deadline have been extended until March 13, 2015 at 1:00 pm

Invitation for Bids Number 15-15
Pre Bid Meeting
February 27, 2015
Page 3 of 4

The meeting came to order at 1:02 p.m. Michael J. McGrane, RIPTA Contracts Manager welcomed all those present. Mr. McGrane introduced RIPTA Personnel present. Kathryn Mancini of Robinson Green, Beretta the firm that developed the specifications gave a brief background of the specifications for the Proposal Package and the purpose of this meeting. Mr. McGrane asked those present to identify themselves when asking questions.

Michael McGrane cautioned prospective bidders to be diligent when completing the required forms, to pay attention to the details such as the required number of copies needed. Vendors need only to submit the required forms listed in the Proposal Package on page 43. Vendors having difficulty completing the required forms are encouraged to contact the Michael McGrane for guidance.

He also cautioned bidders not to procrastinate when filling out the paperwork. RIPTA Staff have busy schedules, therefore may not always be available for last minute questions

Michael McGrane also reminded those present to pay particular attention to the Insurance Requirements listed on Page 65 and 66 of the Bid Package. They are not the same requirements utilized by other State Agencies.

The meeting was opened to questions from the various participants:
The perspective bidders raised the following Questions:

1. **Question:** Will a new split system be required or with the new closet be fed of the existing system?

Answer: New split system as scheduled. Refer to drawing M100.

2. **Question:** Does the space below the raised floor require fire protection?

Answer: No

3. **Question:** Does the space below the floor require smoke or heat detection?

Answer: No

4. **Question:** What is the bid due date?

Answer: March 11th 2015

5. **Question:** Full dimensions of room are required.

Invitation for Bids Number 15-15
Pre Bid Meeting
February 27, 2015
Page 4 of 4

Answer: Refer to drawing A100. Ceiling to be 9'-0" above finish floor.

6. **Question:** Is there ceiling in the new closet?

Answer: ACT ceiling as indicated in the construction drawings.

7. **Question:** Willing new walls be full height of walls to deck? Or just above ACT?

Answer: New walls will be to underside of deck with 3" deflection track. Extend existing sections of walls to underside of deck at closet locations.

8. **Question:** What is the overall height of floor to deck?

Answer: Existing drawings indicate 13'-8" +/- . Verify in field.

9. **Question:** Where is raised floor spec noted?

Answer: Refer to attached specifications.

10. **Question:** Will the room mechanical controls be tying into a Building Management System or a single thermostat?

Answer: Its own thermostat.

11. **Question:** What is the duration of construction?

Answer: 90 calendar days to complete the work.

12. **Question:** There are no spare zones on existing fire panel. Panel upgrade?

Answer: This room does not need to be its own zone.

There being no further business, the meeting adjourned at 2:15 p.m.

Respectfully submitted
Michael J. McGrane
Contracts Manager

SECTION 096900 – ACCESS FLOORING

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Structural floor supported pedestal framing system.
- B. Removable floor panels.
- C. Accessories, including fascia panels, grilles, ramps, stairs, and railings.
- D. System electrostatic grounding.

1.2 REFERENCE STANDARDS

- A. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.
- B. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2014.
- C. CISCA (AF) - Recommended Test Procedures for Access Floors; Ceilings & Interior Systems Construction Association; 2007.
- D. ICC A117.1 - Accessible and Usable Buildings and Facilities; International Code Council; 2009 (ANSI).
- E. NFPA 75 - Standard for the Protection of Information Technology Equipment; National Fire Protection Association; 2013.
- F. UL (FRD) - Fire Resistance Directory; Underwriters Laboratories Inc.; current edition.

1.3 SUBMITTALS

- A. Product Data: Provide data for grid system, panels, and accessories; electrical resistance characteristics and ground connection requirements.
- B. Shop Drawings: Indicate floor layout, interruptions to grid, special sized panels, panels requiring drilling or cut-out for services, appurtenances or interruptions, edge details, elevation differences, stairs, ramps, grilles, and registers.
- C. Samples: Submit two samples of floor grid and panel, 24x24 inch in size illustrating finishes and color.
- D. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.
- E. Manufacturer's Instructions: Indicate special procedures, perimeter conditions requiring special attention.
- F. Maintenance Data: Include recommended cleaning methods, cleaning materials, stain removal methods.

G. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.

1. Extra Floor Panels: Four of each size.
2. Extra Pedestals and Stringers: Four each.
3. Panel Lifting Devices: One, of manufacturer's standard type.

1.4 QUALITY ASSURANCE

- A. Designer Qualifications: Design floor system structure layout for this project under direct supervision of a Professional Structural Engineer experienced in design of floors of the type required and licensed in the State in which the Project is located.
- B. Manufacturer Qualifications: Company specializing in manufacturing the types of products specified in this section, with minimum three years of experience.
- C. Installer Qualifications: Company specializing in performing the type of work required in this section approved by manufacturer.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Access Flooring:
 1. Haworth: www.haworth.com.
 2. Tate Access Floors, Inc; Product ConCore 2500: www.tateaccessfloors.com.
 3. Approved equal.

2.2 ACCESS FLOORING

- A. Access Flooring: Factory-fabricated system consisting of removable floor panels and supporting structure that allows access to each space below floor without requiring removal of panels other than the one directly above the space to which access is needed; provide all components and accessories required for complete installation and as indicated.
 1. Comply with requirements of NFPA 75.
 2. Accessibility: Comply with ICC A117.1 and ADA Standards.
 3. Configuration: Panel lock system.
 4. Finished Floor Elevation: Top of access floor 6 inches nominal height above building structural floor.
 5. Floor Panel Size: 24 x 24 inches.
 6. Electrical Grounding Connection: Listed and classified by Underwriters Laboratories as suitable for the purpose specified and indicated.

B. Performance Requirements:

1. Pedestals:
 - a. Maximum Axial Load: 5,000 lb without permanent deformation.
 - b. Ultimate Strength: Not less than twice design load.
2. Floor Panels: Conform to the following:
 - a. Live Load: 250 lb/sq ft.
 - b. Maximum Deflection: 0.04 inch.
 - c. Concentrated Load: 1,000 lb on 1 sq in at any location with maximum deflection of 0.08 inch.
 - d. Permanent Deformation: 0.02 inch maximum at design load.
 - e. Ultimate Strength: Not less than twice design load.
 - f. Surface Burning Characteristics: Flame spread index of 25, maximum; smoke developed index of 450, maximum; when tested in accordance with ASTM E84.
3. Lateral Stability: Design system for lateral stability in all directions, with or without panels in place.
4. Surface Electrical Resistance: Maximum 1 ohm per panel.
5. Access Flooring System: Test for the following criteria, using CISCA (AF) procedures:
 - a. Concentrated Load: 2,500 lbs.
 - b. Rolling Loads: 2,000 lbs.
 - c. Stringer Load Testing: 450 lbs.
 - d. Pedestal Axial Test: 6,000 lbs.
 - e. Pedestal Overturning Moment Test: 1000 in-lbs.

2.3 COMPONENTS

- A. Pedestals: Steel with flat bottom base plate, threaded supporting rod, vibration proof lock nut to permit 1-1/2 inch adjustment, galvanized finish.
- B. Frame Grid Stringers: Continuous type, consisting of steel channels, box, or tee sections.
- C. Floor Panels:
 1. Sheet steel plates, composite lightweight concrete core.
 2. Panel Edge: Vinyl trim, slip-on type.
 3. Floor Panel Finish Adhesive: Moisture resistant type recommended by floor finish manufacturer.

2.4 ACCESSORIES

- A. Facia Panels: Laminated construction as follows:
 1. Front and Back Face Sheets: Galvanized sheet steel sheet, 1/8 inch thick.
 2. Core: 3/4 inch thick plywood.
 3. Accessories: Include corner pieces, trim, reinforcing, and clip angles.

- B. Ramps and Stairs: Same materials, structural strength, and construction as floor panels; flush extruded aluminum cover plates at junction with floor system.
- C. Electrostatic Grounding Connectors: Solid copper.
- D. Cable Cutout Protection: Extruded polyvinyl chloride edging, self-extinguishing.
- E. Gaskets: Closed cell sponge rubber, preformed to suit.
- F. Sealant as recommended by the manufacturer.

2.5 FINISHES

- A. Floor Panel Finish:
 - 1. Static Dissipating VCT as specified. Color to as approved by Owner from manufacturer's Standard colors.
 - 2. Exposed Metal Surfaces: Baked enamel finish, color to as approved by Owner from manufacturer's Standard colors.
 - 3. Facia Panel: Baked enamel finish, Color to as approved by Owner from manufacturer's Standard colors.

2.6 SOURCE QUALITY CONTROL

- A. Fabrication Tolerances:
 - 1. Floor Panel Flatness: Plus or minus 0.02 inch in any direction.
 - 2. Floor Panel Width or Length From Specified Size: Plus or minus 0.02 inch.
 - 3. Floor Panel Squareness: Plus or minus 0.03 inch difference between opposite diagonal dimensions.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify field measurements are as shown on shop drawings.
- B. Verify that required utilities are available, in proper location, and ready for use.

3.2 PREPARATION

- A. Vacuum clean substrate surfaces.

3.3 INSTALLATION

- A. Install components in accordance with manufacturer's instructions.

- B. Secure pedestal base plate to subfloor with adhesive.
- C. Install additional pedestals where grid pattern is interrupted by room appurtenances or at cut-outs.
- D. Install stringers and floor panels on pedestals with full bearing.
- E. Close field cut floor panels with edge trim.
- F. Provide floor with edge trim and end closures. Provide lateral braces at stair edges and other locations where pedestals are not braced.
- G. Provide positive electrical earth grounding of entire floor assembly in accordance with NFPA 75.
- H. Facia Panels:
 - 1. Install facia panels at exposed sides.
 - 2. Secure panels to clip angles attached to structural floor and edge of floor panels.
 - 3. Install metal trim at intersection of facia panels and access floor and at abutting walls and columns.

3.4 TOLERANCES

- A. Maximum Out of Level Floor Panel Tolerance: 1/16 inch in 10 ft, non-cumulative.

3.5 ADJUSTING

- A. Adjust pedestals to achieve a level floor and to assure adjacent floor panel surfaces are flush.

3.6 PROTECTION

- A. Do not permit traffic over unprotected floor surface.