

**June 9, 2026**

RFO No.: ANT-1008-05

Title: TSS Enhancements at ELM ATCT, Horsehead, NY & AVP ATCT, Wilkes-Barre, PA

Amendment No.: **02**

To All Offerors,

This Amendment is hereby incorporated and made a part of the above referenced RFO that was issued on May 21, 2026.

Offerors are hereby notified of the following revisions to the referenced RFO:

1. **Questions and Responses.** The questions and responses are hereby incorporated into the solicitation.

**AVP Questions:**

Q1. It was observed during the walk-through, everything on the roof has lightning protection/lightning rods attached. No lightning protection is called out for the new 1-ton unit and disconnect switch. Please advise.

A1. The HVAC unit and disconnect switch on roof must be protected by lightning protection system. Provide air terminal (minimum 2'-0" to match existing device) on top of HVAC unit, and grounding (28 stranded class II copper conductor) for the HVAC unit and disconnect switch connected to the main horizontal ground conductor and adhesive cable holders as required.

Q2. D002 drawing, keynote 2, states to remove/reinstall wall mounted TV. During the walk-through, the TV was not wall mounted but instead was on a stand. For reinstallation, are we to install a wall mount and will the wall mount be furnished?

A2. The existing TV is free standing on a cart cabinet and connected with a regular wall receptacle. The (new/relocated) TV, however, should be wall mounted per FAA request. The awarded subcontractor will need to provide TV receptacle approximately 60" AFF and associated wall bracket to mount relocated or new TV furnished by FAA.

Q3. It was mentioned the whiteboard would most likely need to be reinstalled. Please advise if we are to reinstall?

A3. The whiteboard is to be removed, salvaged, and reinstalled.

Q4. Please provide Basis of Design for new Static Displacement Carpeting.

A4. The Basis of Design (BOD) for the static control carpet tile system must meet the following criteria per 09 68 13 Tile Carpeting Specifications:

- a. Electrical Resistance:  $1.0 \times 10^6$  to  $1.0 \times 10^9$  Ohms (Surface-to-Surface and Surface-to-Ground) per ANSI/ESD S7.1.
- b. Body Voltage Generation: Less than 0.4 kV (400 volts) per ANSI/ESD STM 97.2.
- c. Construction: 50 cm x 50 cm modular tiles with conductive fibers in the yarn and a conductive backing.
- d. Grounding: Install copper grounding strips connected to an earth ground at a minimum rate of 1 strip per 1,000 square feet.
- e. Adhesive: Use a manufacturer-approved conductive releasable adhesive.
- f. The installation must comply with ANSI/ESD S20.20 safety standards.

- Q5. M001 – Keynote 1, states (3) cone diffusers. Drawings only show (2) diffusers, please advise.  
A5. Three cone refers to the type of diffuser, not the quantity. There are only (2) three cone diffusers.

### Steel, high performance **three cone diffuser**



The **three cone diffuser** is a square ceiling diffuser that delivers supply air in a true 360° pattern with low pressure drop. The uniform, nearly horizontal jet from the outer cone maintains effective room air distribution even when the air volume varies over a considerable range. All sizes have three cones, giving a uniform appearance where different neck sizes are used in the same area.

#### FEATURES AND BENEFITS

- Delivers supply air in a true 360 degree air pattern
- Designed to protect ceilings from streaking and smudging
- Excellent for variable air volume systems
- The **three cone design** provides uniformity and enhances appearance in installations

- Q6. Please provide ceiling tile and grid basis of design.  
A6. The Basis of Design (BOD) for the Acoustical Panel Ceilings system must meet the following criteria per Section 09 51 13 Acoustical Panel Ceiling Specifications:
- a. Acoustical Standard: Panels must comply with ASTM E1264 classifications.
  - b. Testing Method: Noise Reduction Coefficient (NRC) must be measured using the Type E-400 plenum mounting method per ASTM E795.
  - c. Fire Safety: Panels must be Class A materials tested per ASTM E84 for surface-burning traits and meet ASTM E119 standards where fire-resistance ratings are indicated.
  - d. Hygiene & Health: Panels must include a factory-applied broad-spectrum antimicrobial fungicide and bactericide treatment that shows zero growth when tested under ASTM D3273.
  - e. Suspension & Hangers: Use a direct-hung metal system matching ASTM C635. Replacement wire hangers must be zinc-coated carbon steel, stainless steel, or nickel-copper alloy with a minimum diameter of 0.106 inches.
  - f. Perimeter Seal: Aluminum or sheet-metal edge moldings must be sealed with a continuous, concealed ribbon of acoustical sealant.

- Q7. Please advise if we are to perform testing and balancing on the HVAC.  
A7. Each three cone diffuser is to be balanced to the original design airflows, 330 cfm each.

### **ELM Questions:**

- Q8. Please advise if a new smoke detector will be required in the new room we are creating on the opposite side of the ATCT room? If so, what are the existing systems?  
A8. Yes, it is advised to install a new smoke detector for the new room opposite the new training room. Since installation will include a new full height wall dividing the room, the Training room will keep the existing smoke detector. Therefore, the smaller new room will also need a new smoke detector tied to the same existing system.
- Q9. Does the new partition need to go to deck, or can it be terminated above ceiling?  
A9. The partition framing configuration must meet the following structural rules:
- Standard partition walls can stop six inches above the ceiling grid line.
  - The vertical metal stud framing must be braced and anchored to the underside of the structural metal deck overhead.
  - Provide diagonal bracing kickers at a maximum spacing of 4 feet on center to keep the wall stable.
  - The horizontal drywall panels do not need to extend to the upper metal deck on standard partitions.
  - The drywall can stop at the top of the vertical studs above the ceiling line.

- Any walls marked for fire safety, smoke barriers, or sound control must extend all the way to the upper metal deck and be sealed airtight.

Q10. Please provide Basis of Design for new Static Displacement Carpeting.

A10. The Basis of Design (BOD) for the static control carpet tile system must meet the following criteria per 09 68 13 Tile Carpeting Specifications:

- a. Electrical Resistance:  $1.0 \times 10^6$  to  $1.0 \times 10^9$  Ohms (Surface-to-Surface and Surface-to-Ground) per ANSI/ESD S7.1.
- b. Body Voltage Generation: Less than 0.4 kV (400 volts) per ANSI/ESD STM 97.2.
- c. Construction: 50 cm x 50 cm modular tiles with conductive fibers in the yarn and a conductive backing.
- d. Grounding: Install copper grounding strips connected to an earth ground at a minimum rate of 1 strip per 1,000 square feet.
- e. Adhesive: Use a manufacturer-approved conductive releasable adhesive.
- f. The installation must comply with ANSI/ESD S20.20 safety standards.

Q11. Please provide basis of design for full blackout window film.

A11. The contract documents do not include black-out performance within Section 12 21 00. The subcontractor shall instead refer to MasterFormat Section 08 87 13 for Solar Control Window Films to address all light-blocking film requirements. Please see the Basis of Design criteria below for this work.

- a. Light Transmission: The film must provide 0% Visible Light Transmission and 100% glare reduction to stop all outdoor light from passing through the glass.
- b. Solar Heat Rejection: The system must reject at least 70% of total solar energy to control heat build-up inside the room.
- c. UV Blocking: The material must block at least 99% of harmful ultraviolet light to prevent interior fading.
- d. Physical Setup: The film must consist of a heavy-duty polyester layer with a scratch-resistant hard coat on the room side and a pressure-sensitive adhesive on the glass side.
- e. Visual Quality: The finished installation must match the International Window Film Association visual acceptance standards. It must look uniform and show zero pinholes, bubbles, streaks, or scratches when viewed from a distance of 10 feet.
- f. Fire Safety: The material must pass the ASTM E84 test and hold a Class A surface-burning rating.

Q12. Assuming the existing flooring will remain in place, are we to install the new carpet tiles over it? Please advise.

A12. The proposed installation over existing vinyl tile is conditionally approved, subject to strict hazardous material compliance. Modular carpet tiles can be installed over existing hard-surface resilient vinyl tile. This is allowed as long as the old floor is completely flat, tightly bonded to the concrete, and free of floor wax. The contractor must meet the following safety and structural criteria to proceed:

- a. Asbestos Protocol: The contractor shall not sand, scrape, or mechanically disturb the existing vinyl tiles or underlying black adhesive until a certified lab tests the floor for asbestos. If asbestos is present, all work must follow local environmental safety laws.
- b. Surface Preparation: Any loose, chipped, or damaged vinyl tiles must be patched or replaced to create a completely level surface. The contractor must strip all existing floor wax and polish from the vinyl surface before installing the new carpet.
- c. Adhesive Requirement: The contractor must use a glue-free installation method, such as the manufacturer's specialized connector system. This system uses single-sided adhesive stickers to lock the 12"x12" carpet tiles to each other instead of gluing them directly to the old vinyl floor.

Q13. Please provide ceiling tile and grid basis of design.

A13. The Basis of Design (BOD) for the Acoustical Panel Ceilings system must meet the following criteria per Section 09 51 13 Acoustical Panel Ceiling Specifications:

- a. Acoustical Standard: Panels must comply with ASTM E1264 classifications.
- b. Testing Method: Noise Reduction Coefficient (NRC) must be measured using the Type E-400 plenum mounting method per ASTM E795.
- c. Fire Safety: Panels must be Class A materials tested per ASTM E84 for surface-burning traits and meet ASTM E119 standards where fire-resistance ratings are indicated.
- d. Hygiene & Health: Panels must include a factory-applied broad-spectrum antimicrobial fungicide and bactericide treatment that shows zero growth when tested under ASTM D3273.
- e. Suspension & Hangers: Use a direct-hung metal system matching ASTM C635. Replacement wire hangers must be zinc-coated carbon steel, stainless steel, or nickel-copper alloy with a minimum diameter of 0.106 inches.
- f. Perimeter Seal: Aluminum or sheet-metal edge moldings must be sealed with a continuous, concealed ribbon of acoustical sealant.

Q14. It was mentioned during the walk-through about moving the Heat pump unit to the East side of the building where the new air intake louver would be. This would eliminate having the refrigerant piping running up the face of the tower. Please advise if this is acceptable. Also, it is assumed the piping will be painted to match the façade colors. This would be the same for the power rack as well.

A14. This is acceptable, paint to match.

Q15. Please advise if we are to perform testing and balancing on the HVAC.

A15. TAB not needed as existing dampers in TSS room are being closed, start-up and testing will need to be done for the new mini-split unit.

Offeror's responses to this RFO must be received no later than June 18, 2026, by end of the day. All other terms and conditions of RFO No. ANT-1008-05 will remain unchanged.

Thank you for your continued interest in this project. If you have any questions or concerns, please contact me at (803) 991-3062 or via email to [allyson.b-ctr.benton@faa.gov](mailto:allyson.b-ctr.benton@faa.gov).

Sincerely,

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BERRY  
BENTON** Digitally signed by  
ALLYSON BERRY  
BENTON  
Date: 2026.06.09  
14:06:06 -04'00'

Allyson Benton

Subcontract Administrator

PTSI Managed Services Inc.