

**April 30, 2024**

**NOTICE TO BIDDERS**

**ADDENDUM NO. 3**

**RFQ 640812**

The following changes and/or additions shall be made to the original Invitation for Bid No. RFQ 640812, Construction of the Fire & Rescue Training Facility. Please acknowledge receipt of this addendum by signing and returning with your bid.

1. The Acceptance Date of the Bids is delayed from May 9, 2024, **to May 14, 2024, prior to 4:00 p.m. local "Atomic" time.**
2. The Deadline for Questions has **not** been extended **and remains at April 4, 2024.**
3. The purpose of this addendum is to provide answers to questions received.
4. The following changes, corrections, deletions, clarifications, and/or additions constitute this Addendum.
5. All revisions to the Drawings and Specifications is uploaded to Microsoft OneDrive.

**County Procurement Form Revisions:**

1. DELETE "**22.0 Pricing Page**" listed on the solicitation in its entirety and REPLACE with the "**22.0 Revised Pricing Page**" listed as Attachment 1 of this Addendum.  
Unit Prices have been revised to match specification sections 012100 Allowance and 012200 Unit Prices. Addendum 3 Attachment 1

**Drawing Revisions (44 Sheets):**

1. Sheet G100 COVER SHEET
  - a. REMOVE Sheet G100 COVER SHEET dated 11/17/2023.
  - b. REPLACE with Sheet G100 COVER SHEET dated 4/12/2024 included in Addendum 03.
2. Sheet C102 - GENERAL NOTES & DETAILS
  - a. REMOVE Sheet C102 - GENERAL NOTES & DETAILS dated 11/17/2023.
  - b. REPLACE with Sheet C102 - GENERAL NOTES & DETAILS dated 4/12/2024 included in Addendum 03.
3. Sheet A101 - FIRST FLOOR PLAN
  - a. REMOVE Sheet A101 - FIRST FLOOR PLAN dated 11/17/2023.
  - b. REPLACE with Sheet A101 - FIRST FLOOR PLAN dated 4/12/2024 included in Addendum 03.
4. Sheet A101A - FLOOR PLAN LEVEL 1 AREA A
  - a. REMOVE Sheet A101A - FLOOR PLAN LEVEL 1 AREA A dated 11/17/2023.
  - b. REPLACE with Sheet A101A - FLOOR PLAN LEVEL 1 AREA A dated 4/12/2024 included in Addendum 03.
5. Sheet A101B - FLOOR PLAN LEVEL 1 AREA B

- a. REMOVE Sheet A101B - FLOOR PLAN LEVEL 1 AREA B dated 11/17/2023.
  - b. REPLACE with Sheet A101B - FLOOR PLAN LEVEL 1 AREA B dated 4/12/2024 included in Addendum 03.
6. Sheet A101C - FLOOR PLAN LEVEL 1 AREA C
  - a. REMOVE Sheet A101C - FLOOR PLAN LEVEL 1 AREA C dated 11/17/2023.
  - b. REPLACE with A101C - FLOOR PLAN LEVEL 1 AREA C dated 4/12/2024 included in Addendum 03.
7. Sheet A102 - SECOND FLOOR PLAN
  - a. REMOVE Sheet A102 - SECOND FLOOR PLAN dated 11/17/2023.
  - b. REPLACE with Sheet A102 - SECOND FLOOR PLAN dated 4/12/2024 included in Addendum 03.
8. Sheet A102A - FLOOR PLAN LEVEL 2 AREA A
  - a. REMOVE Sheet A102A - FLOOR PLAN LEVEL 2 AREA A dated 11/17/2023.
  - b. REPLACE with Sheet A102A - FLOOR PLAN LEVEL 2 AREA A dated 4/12/2024 included in Addendum 03.
9. Sheet A102B - FLOOR PLAN LEVEL 2 AREA B
  - a. REMOVE Sheet A102B - FLOOR PLAN LEVEL 2 AREA B dated 11/17/2023.
  - b. REPLACE with Sheet A102B - FLOOR PLAN LEVEL 2 AREA B dated 4/12/2024 included in Addendum 03.
10. Sheet A105 - PHOTO VOLTAIC PANEL LAYOUT
  - a. REMOVE Sheet A105 - PHOTO VOLTAIC PANEL LAYOUT dated 11/17/2023.
  - b. REPLACE with Sheet A105 - PHOTO VOLTAIC PANEL LAYOUT dated 4/12/2024 included in Addendum 03.
11. Sheet A302A - LEVEL 2 AREA A REFLECTED CEILING PLAN
  - a. REMOVE Sheet A302A - LEVEL 2 AREA A REFLECTED CEILING PLAN dated 11/17/2023.
  - b. REPLACE with Sheet A302A - LEVEL 2 AREA A REFLECTED CEILING PLAN dated 4/12/2024 included in Addendum 03.
12. Sheet A302B - LEVEL 2 AREA B REFLECTED CEILING PLAN
  - a. REMOVE Sheet A302B - LEVEL 2 AREA B REFLECTED CEILING PLAN dated 11/17/2023.
  - b. REPLACE with Sheet A302B - LEVEL 2 AREA B REFLECTED CEILING PLAN dated 4/12/2024 included in Addendum 03.
13. Sheet A401 - EXTERIOR ELEVATIONS
  - a. REMOVE Sheet A401 - EXTERIOR ELEVATIONS dated 11/17/2023.
  - b. REPLACE with Sheet A401 - EXTERIOR ELEVATIONS dated 4/12/2024 included in Addendum 03.
14. Sheet A402 - EXTERIOR ELEVATIONS
  - a. REMOVE Sheet A402 - EXTERIOR ELEVATIONS dated 11/17/2023.
  - b. REPLACE with Sheet A402 - EXTERIOR ELEVATIONS dated 4/12/2024 included in Addendum 03.
15. Sheet A503 - BUILDING SECTIONS
  - a. REMOVE Sheet A503 - BUILDING SECTIONS dated 11/17/2023.
  - b. REPLACE with Sheet A503 - BUILDING SECTIONS dated 4/12/2024 included in Addendum 03.
16. Sheet A504 - BUILDING SECTIONS

- a. REMOVE Sheet A504 - BUILDING SECTIONS dated 11/17/2023.
  - b. REPLACE with Sheet A504 - BUILDING SECTIONS dated 4/12/2024 included in Addendum 03.
- 17. Sheet A630 - DETAILS - APPARATUS BAY
  - a. REMOVE Sheet A630 - DETAILS - APPARATUS BAY dated 11/17/2023.
  - b. REPLACE with Sheet A630 - DETAILS - APPARATUS BAY dated 4/12/2024 included in Addendum 03.
- 18. Sheet A801 - INTERIOR ELEVATIONS
  - a. REMOVE Sheet A801 - INTERIOR ELEVATIONS dated 11/17/2023.
  - b. REPLACE with Sheet A801 - INTERIOR ELEVATIONS dated 4/12/2024 included in Addendum 03.
- 19. Sheet A802 - INTERIOR ELEVATIONS
  - a. REMOVE Sheet A802 - INTERIOR ELEVATIONS dated 11/17/2023.
  - b. REPLACE with Sheet A802 - INTERIOR ELEVATIONS dated 4/12/2024 included in Addendum 03.
- 20. Sheet A850 - ENLARGED TOILET PLANS AND ELEVATIONS
  - a. REMOVE Sheet A850 - ENLARGED TOILET PLANS AND ELEVATIONS dated 11/17/2023.
  - b. REPLACE with Sheet A850 - ENLARGED TOILET PLANS AND ELEVATIONS dated 4/12/2024 included in Addendum 03.
- 21. Sheet A940 - EXTERIOR STOREFRONT DETAILS
  - a. REMOVE Sheet A940 - EXTERIOR STOREFRONT DETAILS dated 11/17/2023.
  - b. REPLACE with Sheet A940 - EXTERIOR STOREFRONT DETAILS dated 4/12/2024 included in Addendum 03.
- 22. Sheet I000 - INTERIOR MATERIAL ID LIST & ROOM FINISH SCHEDULE
  - a. REMOVE Sheet I000 - INTERIOR MATERIAL ID LIST & ROOM FINISH SCHEDULE dated 11/17/2023.
  - b. REPLACE with Sheet I000 - INTERIOR MATERIAL ID LIST & ROOM FINISH SCHEDULE dated 4/12/2024 included in Addendum 03.
- 23. Sheet S003 - SCHEDULES
  - a. REMOVE Sheet S003 - SCHEDULES dated 11/17/2023.
  - b. REPLACE with Sheet S003 - SCHEDULES dated 4/12/2024 included in Addendum 03.
- 24. Sheet S303 - STEEL ROOF DETAILS
  - a. REMOVE Sheet S303 - STEEL ROOF DETAILS dated 11/17/2023.
  - b. REPLACE with Sheet S303 - STEEL ROOF DETAILS dated 4/12/2024 included in Addendum 03.
- 25. Sheet S401 - FRAMING ELEVATIONS
  - a. REMOVE Sheet S401 - FRAMING ELEVATIONS dated 11/17/2023.
  - b. REPLACE with Sheet S401 - FRAMING ELEVATIONS dated 4/12/2024 included in Addendum 03.
- 26. Sheet M101 - LEVEL 1 MECHANICAL PLAN
  - a. REMOVE Sheet M101 - LEVEL 1 MECHANICAL PLAN dated 11/17/2023.
  - b. REPLACE with Sheet M101 - LEVEL 1 MECHANICAL PLAN dated 4/12/2024 included in Addendum 03.
- 27. Sheet M601 - AIR RISER DIAGRAMS

- a. REMOVE Sheet M601 - AIR RISER DIAGRAMS dated 11/17/2023.
  - b. REPLACE with Sheet M601 - AIR RISER DIAGRAMS dated 4/12/2024 included in Addendum 03.
- 28. Sheet P101 - LEVEL 1 PLUMBING PLAN
  - a. REMOVE Sheet P101 - LEVEL 1 PLUMBING PLAN dated 11/17/2023.
  - b. REPLACE with Sheet P101 - LEVEL 1 PLUMBING PLAN dated 4/12/2024 included in Addendum 03.
- 29. Sheet P102 - LEVEL 2 PLUMBING PLAN
  - a. REMOVE Sheet P102 - LEVEL 2 PLUMBING PLAN dated 11/17/2023.
  - b. REPLACE with Sheet P102 - LEVEL 2 PLUMBING PLAN dated 4/12/2024 included in Addendum 03.
- 30. Sheet P601 - DOMESTIC WATER SUPPLY RISER DIAGRAMS
  - a. REMOVE Sheet P601 - DOMESTIC WATER SUPPLY RISER DIAGRAMS dated 11/17/2023.
  - b. REPLACE with Sheet P601 - DOMESTIC WATER SUPPLY RISER DIAGRAMS dated 4/12/2024 included in Addendum 03.
- 31. Sheet P603 - DOMESTIC WASTE AND VENT RISER DIAGRAMS
  - a. REMOVE Sheet P603 - DOMESTIC WASTE AND VENT RISER DIAGRAMS dated 11/17/2023.
  - b. REPLACE with Sheet P603 - DOMESTIC WASTE AND VENT RISER DIAGRAMS dated 4/12/2024 included in Addendum 03.
- 32. Sheet P701 - PLUMBING DETAILS
  - a. REMOVE Sheet P701 - PLUMBING DETAILS dated 11/17/2023.
  - b. REPLACE with Sheet P603 - P701 - PLUMBING DETAILS dated 4/12/2024 included in Addendum 03.
- 33. Sheet P702 - PLUMBING DETAILS
  - a. REMOVE Sheet P702 - PLUMBING DETAILS dated 11/17/2023.
  - b. REPLACE with Sheet P702 - PLUMBING DETAILS dated 4/12/2024 included in Addendum 03.
- 34. Sheet E010 - SITE PLAN
  - a. REMOVE Sheet E010 - SITE PLAN dated 11/17/2023.
  - b. REPLACE with Sheet E010 - SITE PLAN dated 4/12/2024 included in Addendum 03.
- 35. Sheet E101 - LEVEL 1 ELECTRICAL PLAN
  - a. REMOVE Sheet E101 - LEVEL 1 ELECTRICAL PLAN dated 11/17/2023.
  - b. REPLACE with Sheet E101 - LEVEL 1 ELECTRICAL PLAN dated 4/12/2024 included in Addendum 03.
- 36. Sheet E151 - ENLARGED ELECTRICAL ROOM PLANS
  - a. REMOVE Sheet E151 - ENLARGED ELECTRICAL ROOM PLANS dated 11/17/2023.
  - b. REPLACE with Sheet E151 - ENLARGED ELECTRICAL ROOM PLANS dated 4/12/2024 included in Addendum 03.
- 37. Sheet E351 - LEVEL 1 F-A-N-S PLANS
  - a. REMOVE Sheet E351 - LEVEL 1 F-A-N-S PLANS dated 11/17/2023.
  - b. REPLACE with Sheet E351 - LEVEL 1 F-A-N-S PLANS dated 4/12/2024 included in Addendum 03.

38. Sheet E352 - LEVEL 2 F-A-N-S PLANS
  - a. REMOVE Sheet E352 - LEVEL 2 F-A-N-S PLANS dated 11/17/2023.
  - b. REPLACE with Sheet E352 - LEVEL 2 F-A-N-S PLANS dated 4/12/2024 included in Addendum 03.
39. Sheet E602 - ELECTRICAL DETAILS
  - a. REMOVE Sheet E602 - ELECTRICAL DETAILS dated 11/17/2023.
  - b. REPLACE with Sheet E602 - ELECTRICAL DETAILS dated 4/12/2024 included in Addendum 03.
40. Sheet E501 - ELECTRICAL SCHEDULES
  - a. REMOVE Sheet E501 - ELECTRICAL SCHEDULES dated 11/17/2023.
  - b. REPLACE with Sheet E501 - ELECTRICAL SCHEDULES dated 4/12/2024 included in Addendum 03.
41. Sheet ES301 - LEVEL 1 ELECTRICAL SECURITY PLAN
  - a. REMOVE Sheet ES301 - LEVEL 1 ELECTRICAL SECURITY PLAN dated 11/17/2023.
  - b. REPLACE with Sheet ES301 - LEVEL 1 ELECTRICAL SECURITY PLAN dated 4/12/2024 included in Addendum 03.
42. Sheet ET301 - LEVEL 1 ELECTRICAL TECHNOLOGY PLAN
  - a. REMOVE Sheet ET301 - LEVEL 1 ELECTRICAL TECHNOLOGY PLAN dated 11/17/2023.
  - b. REPLACE with Sheet ET301 - LEVEL 1 ELECTRICAL TECHNOLOGY PLAN dated 4/12/2024 included in Addendum 03.
43. Sheet ET302 - LEVEL 2 ELECTRICAL TECHNOLOGY PLAN
  - a. REMOVE Sheet ET302 - LEVEL 2 ELECTRICAL TECHNOLOGY PLAN dated 11/17/2023.
  - b. REPLACE with Sheet ET302 - LEVEL 2 ELECTRICAL TECHNOLOGY PLAN dated 4/12/2024 included in Addendum 03.
44. Sheet ET303 - ELECTRICAL TECHNOLOGY ELEVATIONS
  - a. ADD Sheet ET303 - ELECTRICAL TECHNOLOGY ELEVATIONS dated 4/12/2024 included in Addendum 03.

**Specification Revisions (19 sections):**

1. Specification Section 00 01 01 Table of Contents – Volume 1
  - a. REMOVE Specification Section 00 01 01 Table of Contents – Volume 1 dated 11/17/2023
  - b. REPLACE with Specification Section 00 01 01 Table of Contents – Volume 1 included in Addendum 03
2. Specification Section 07 13 13 - Bituminous Dampproofing (ADD 03)
  - a. ADD Specification Section 07 13 13 - Bituminous Dampproofing (ADD 03) included in Addendum 03
3. Specification Section 09 51 13 - Acoustical Panel Ceilings (ADD 03)
  - a. REMOVE Specification Section 09 51 13 - Acoustical Panel Ceilings dated 11/17/2023
  - b. REPLACE with Specification Section 09 51 13 - Acoustical Panel Ceilings (ADD 03) included in Addendum 03
4. Specification Section 10 14 00 - Signage (ADD 03)

- a. REMOVE Specification Section 10 14 00 - Signage dated 11/17/2023
  - b. REPLACE with Specification Section 10 14 00 - Signage (ADD 03) included in Addendum 03
- 5. Specification Section 10 90 00 - Miscellaneous Specialties (ADD 03)
  - a. REMOVE Specification Section 10 90 00 - Miscellaneous Specialties dated 11/17/2023
  - b. REPLACE with Specification Section 10 90 00 - Miscellaneous Specialties (ADD 03) included in Addendum 03
- 6. Specification Section 12 21 13 - Window Treatments (ADD 03)
  - a. REMOVE Specification Section 12 21 13 - Window Treatments dated 11/17/2023
  - b. REPLACE with Specification Section 12 21 13 - Window Treatments (ADD 03) included in Addendum 03
- 7. Specification Section 20 01 10 - Table of Contents - Volume 2 (ADD 03)
  - a. REMOVE Specification Section 20 01 10 - Table of Contents - Volume 2 dated 11/17/2023
  - b. REPLACE with Specification Section 20 01 10 - Table of Contents - Volume 2 (ADD 03) included in Addendum 03
- 8. Specification Section 22 11 16 - Domestic Water Piping (ADD 03)
  - a. REMOVE duplicate Specification Sections 22 11 16 - Domestic Water Piping dated 11/17/2023
  - b. REPLACE with Specification Section 22 11 16 - Domestic Water Piping (ADD 03) included in Addendum 03
- 9. Specification Section 22 13 16 - Sanitary Waste and Vent Piping (ADD 03)
  - a. REMOVE duplicate Specification Sections 22 13 16 - Sanitary Waste and Vent Piping dated 11/17/2023
  - b. REPLACE with Specification Section 22 13 16 - Sanitary Waste and Vent Piping (ADD 03) included in Addendum 03
- 10. Specification 22 34 00 - Fuel-Fired Domestic Water Heaters (ADD 03)
  - a. REMOVE duplicate Specification Sections 22 34 00 - Fuel-Fired Domestic Water Heaters dated 11/17/2023
  - b. REPLACE with Specification Section 22 34 00 - Fuel-Fired Domestic Water Heaters (ADD 03) included in Addendum 03
- 11. Specification Section 22 47 00 - Drinking Fountains and Water Coolers (ADD 03)
  - a. REMOVE duplicate Specification Sections 22 47 00 - Drinking Fountains and Water Coolers dated 11/17/2023
  - b. REPLACE with Specification Section 22 47 00 - Drinking Fountains and Water Coolers (ADD 03) included in Addendum 03
- 12. Specification Section 23 05 29 - Hangers and Supports for HVAC Piping and Equipment (ADD 03)
  - a. REMOVE Specification Section 23 05 29 - Hangers and Supports for HVAC Piping and Equipment dated 11/17/2023
  - b. REPLACE with Specification Section 23 05 29 - Hangers and Supports for HVAC Piping and Equipment (ADD 03) included in Addendum 03
- 13. Specification Section 23 05 53 - Identification for HVAC Piping and Equipment (ADD 03)
  - a. REMOVE Specification Section 23 05 53 - Identification for HVAC Piping and Equipment dated 11/17/2023

- b. REPLACE with Specification Section 23 05 53 - Identification for HVAC Piping and Equipment (ADD 03) included in Addendum 03
- 14. Specification Section 23 05 93 - Testing, Adjusting, and Balancing (ADD 03)
  - a. REMOVE Specification Section 23 05 93 - Testing, Adjusting, and Balancing dated 11/17/2023
  - b. REPLACE with Specification Section 23 05 93 - Testing, Adjusting, and Balancing (ADD 03) included in Addendum 03
- 15. Specification Section 23 09 00 - HVAC Instrumentation and Controls (ADD 03)
  - a. REMOVE Specification Section 23 09 00 - HVAC Instrumentation and Controls dated 11/17/2023
  - b. REPLACE with Specification Section 23 09 00 - HVAC Instrumentation and Controls (ADD 03) included in Addendum 03
- 16. Specification Section 23 21 13 - Hydronic Piping (ADD 03)
  - a. ADD Specification Section 23 21 13 - Hydronic Piping (ADD 03) included in Addendum 03
- 17. Specification Section 23 74 13 - Packaged Rooftop Air Conditioning Units (ADD 03)
  - a. REMOVE Specification Section 23 74 13 - Packaged Rooftop Air Conditioning Units dated 11/17/2023
  - b. REPLACE with Specification Section 23 74 13 - Packaged Rooftop Air Conditioning Units (ADD 03) included in Addendum 03
- 18. Specification Section 23 81 26 - Split-System Air-Conditioning Units (ADD 03)
  - a. REMOVE Specification Section 23 81 26 - Split-System Air-Conditioning Units dated 11/17/2023
  - b. REPLACE with Specification Section 23 81 26 - Split-System Air-Conditioning Units (ADD 03) included in Addendum 03
- 19. Specification Section 27 41 00 - Audio-Video Systems (ADD 03)
  - a. REMOVE Specification Section 27 41 00 - Audio-Video Systems dated 11/17/2023
  - b. REPLACE with Specification Section 27 41 00 - Audio-Video Systems (ADD 03) included in Addendum 03
- 20. The T-5 Bobrick B-2620 Paper Towel Dispensers have been removed from the project except for in the staff Locker rooms

Prepared By: Farah Navder  
Contracting Officer

Date: 04/30/2024

Acknowledged By: \_\_\_\_\_

Date: \_\_\_\_\_

### **ATTACHMENTS:**

Attachment 1 – Revised Pricing Page

Attachment 2 – Revised Drawings (in Microsoft OneDrive)

Attachment 3 – Revised Specifications (in Microsoft OneDrive)

## [START OF QUESTIONS]

### 1. **Audio & Visual System**

- a. Plan ET301 shows TV components on the south wall of the Kitchen/Dining 102 – They are not shown on 2B/A101B & the count would not match the equipment counts on the architectural plans. If it is to receive a TV, what is the size and components to go with it?
  - i. Response: Sheet ET301 has been revised to show the TV on the south wall per the architectural plan. Equipment schedule added to ET sheets to match architectural sheets.
- b. Does V5 shown on plan 4C/A801 require any low voltage? Nothing is shown on the ET301 plan.
  - i. Response: V5 will require data and power. This has been added to sheet E101 and ET301.
- c. Please list the V14 Video Camera, V15 Ceiling Microphone & V20 Clickshare that are on the top of the A101 & A102 Overall Equipment Schedule under the 274100 Audio Visual Systems portion of the schedule.
  - i. Response: Audiovisual equipment has been revised to be listed under proper specification in equipment schedule. Sheets A101 and A102 have been revised.
- d. Are the (2) V10 Media Wall Systems to be provided and installed by the owner or provided by the owner and installed by the Audio Video subcontractor? The A101 & A102 Overall Equipment Schedule does not state they are 1A or 1B, but elevation 2/A102B states it is by the owner. It also is listed as an S4 in the 109000 Miscellaneous Specialties. Please clarify.
  - i. Response: Specification 109000 has been revised to remove media wall monitor reference. Media wall systems are to be provided by the GC and installed by the GC. Sheet A102B has been revised to remove reference to "by owner". AV system delivery is turnkey.
- e. Confirm the "TV by Owner" on elevation 2D/A101B is a Type V2.
  - i. Response: Sheet A101B has been revised to call this out as type "V23", which is referenced in the updated equipment schedule on sheet A101.
- f. Will the owner be providing the wall mounting brackets for the TV's that are provided by the owner and are to be installed by the Audio-Visual subcontractor which do not call for brackets? If not, provide in the schedule(s).
  - i. Response: Equipment schedule has been updated to indicate how many TV brackets are to be provided by the audio-visual subcontractor. This has been added to the ET drawings as well.
- g. Plan ET302 shows (2) Creston Tabletop Mike Pods in Conference Room 213. Are they in addition to the (2) V15 Ceiling Microphones?
  - i. Response: The tabletop mike pods have been removed. Ceiling microphones cover audio receiving for the room. See revised sheet ET302.
- h. Plan ET302 shows (2) "S" in a circle that are ceiling speakers in Conference Room 213. Plan A302A shows (6) V13 ceiling speakers. Please clarify intent.
  - i. Response: Sheet ET302 has been updated to show (6) V13 ceiling speakers.
- i. Plan ET302 shows (2) "S" in a circle that are ceiling speakers in the Breakout Rooms 216 & 217. None are shown or accounted for in the Architectural schedule counts or ceiling plans. The 274100 spec calls for speakers in these rooms. Please clarify.



- i. Response: Specification and ET drawings have been revised to no longer account for ceiling mounted speakers in Breakout Rooms 216 & 217.
- j. The 274100 spec calls for microphones in the Breakout Rooms 216 & 217 that are not identified on ET302, the architectural schedules or ceiling plans. Please clarify.
  - i. Response: Specification 274100 has been revised to remove reference to microphones on ceiling.
- k. Numerous items that are shown on the architectural & electrical plans are not shown on the ET Series plans. With all the discrepancies within the Audio-Visual scope, can all the Audio-Visual Equipment Schedules be updated and included on the ET series plans. As provided at this point, items will likely be missed during the pricing process. ET plans & specifications should reflect all the information need to price their scope and not hidden throughout the documents. The equipment is not even listed within their specification section.
  - i. Response: The ET drawings have been updated to reflect the devices shown on the architectural plans, and the schedules have been added to the ET drawings. Specification 274100 has been updated to reflect the scope shown on the drawings.
- 2. **Specification Sections that are in the specs but not listed in the Table of Contents**
  - a. 274100 – Audio Visual System
    - i. Response: Specification 274100 has been added to the Table of Contents.
  - b. 233516 – Engine Exhaust Systems
    - i. Response: Specification 233516 has been added to the Table of Contents.
- 3. **Specification Sections on the Table of Contents but not within the specs**
  - a. 235523 – Gas-Fired Radiant Heaters
    - i. Response: Specification section 235523 has been removed from the Table of Contents.
  - b. 271513 – Communication Horizontal Cabling
    - i. Response: Unclear of comment.
- 4. Specification 230553 – Identification For HVAC Piping & Equipment – Says next to Part 1 – General that “TAB Agent is Hired by Owner” – Clarify if the mechanical subcontractor is responsible for this section and not the owner’s TAB subcontractor.
  - i. Response: TAB agent is hired by owner. The Mechanical subcontractor is required to work with the TAB agent to run the equipment as needed for the balancing process. 230553 The “Identification and labeling” of piping or equipment is responsibility of GC or Mechanical sub.
- 5. Clarify if all disturbed grass areas are to be replaced with sod per note 4 on civil C500 & not just the areas between the sidewalk and the building per 329200.1.10.A.1. Numerous areas on the civil plans refer to permanent seeding.
  - i. Response: Areas of sidewalks and building to be sodded. All other areas can be seeded.
- 6. Since the ME801 & ME802 (Mechanical & Electrical Schedules) drawings also include plumbing equipment that would be provided by the plumbing contractors scope, please rename the plans MEP801 & MEP802 (Mech, Elect & Plbg Schedules).
  - i. Response: All the information needed for providing power to equipment is shown on the ME801 and ME802 drawings. It is contractor's responsibility to coordinate drawing information for required equipment power/ infrastructure noted in the schedules among its subs.
- 7. The 22.0 pricing page has (3) Unit Prices & Allowances. The 012100 Allowance and 012200 Unit Price specifications only show (2). Please clarify.

- i. Response: RFQ 640812 has been revised to match the allowances and unit price specifications.
- 8. Can we get meter temporary water from an existing building until we can get temporary water service set up?
  - i. Response: Contractor to confirm with Town of Leesburg Utilities if possible temporary services can be provided. Contractor to provide water source as needed.
- 9. Can 6' High Temporary Chain Link Panel fencing be used in lieu of post driven fence?
  - i. Response: If this is in regard to the existing fence location that must be taken down for the telecom and power connections, the fence is to be replaced in-kind.
- 10. Is the Mill & Overlay shown on C400 to be 2" deep SM-12.5 Bituminous Concrete with a 2'-0" wide x 2" deep wedge like the pavement patching detail shown on C102?
  - i. Response: Mill & Overlay shall conform with the VDOT WP-2 detail. This detail has been provided on Sheet C102.
- 11. The 233400 High Volume Low Speed Fans portion of the Overall Equipment Schedule on plans A101 & A102 is a spec that does not exist. They are specified in the 113200 High Volume Low Speed Fan specification. Please consider adding the (2) Big Ass Fans located within the Apparatus bay to the Mechanical Equipment Schedules and reference which ever spec ends up being used? This is something that would typically be listed in the Mechanical specs and schedules and be included in the mechanical scope of the project for the supply and installation.
  - i. Response: Specification 113200 is provided in the Project Manual for the High Volume, Low Speed apparatus bay fans. The equipment schedule has been updated on sheets A101 and A102 to reflect this specification.
- 12. Please list the F8, S6 & S10 equipment that is at the top of the A101 & A102 Overall Equipment Schedule to fall under the proper specification sections within the schedule.
  - i. Response: The equipment schedules on sheets A101 and A102 have been updated to have those equipment in the proper specification.
- 13. The entry mats shown on the I101 plan does not match the I000 Interior Room Finish Schedule. Please make match.
  - i. Response: FLMAT-1 added to I000 Room Finish Schedule to match I101 plans.
- 14. Section 1/A630 shows the SSM-1 lining the gutter as being 20 Ga. Stainless Steel. All the information provided in the specifications related gutter systems shows aluminum. Please clarify.
  - i. Response: See the revised details on sheet A630.
- 15. Regarding the Westnet work: E351, E352 plans do not match AS1.1 through AS3.2 in many cases. What plans are we to use?
  - i. Response: Per the scoping notes on sheet E351 and E352, the contractor is to provide all infrastructure required to support a fully functioning Westnet system. The actual Westnet devices will be provided through Loudoun County's contract with Westnet. Sheets E351 and E352 are to show actual locations of each device that will require infrastructure. There are several devices, such as the devices on the racks in Communications 214, that will be provided by Westnet and do not require infrastructure beyond what is already called for in the electrical drawings. Given that, there were a few discrepancies identified between the Westnet drawings and sheets E351 and E352 which have been rectified through Addendum 03.

16. Regarding the Westnet work: Quantities on the E351, E352 schedules are not correct. Will corrected schedules be provided?
- i. [Response: Corrected schedules are provided. See revised sheets E351 and E352.](#)
17. Regarding Security work: Keynotes on ES301, ES302 say to route 1" conduits back to the data / comm room but general note K says to install conduit to above accessible ceilings for what I assume is cables are installed free air not in conduit. Are conduits to be installed to the data / comm room or to above accessible ceilings?
- i. [Response: Note K and keynote have been revised to match. See sheet ES301 for updated information.](#)
18. Regarding Security work: On ES301, ES302 there are doors that have either a KCR or CR symbol but no other symbols are shown. Will plans be issued to show the other associated items?
- i. [Response: Refer to sheet E001 for the meaning of all electrical symbols. Keynotes are provided next to each card reader symbol to explain required infrastructure. Refer also to specification section 281000 for all required components.](#)
19. Regarding Security work: Looking at architectural plans there does not appear to be a pedestal outside next to Weather Vestibule 100, is there a pedestal for the door access devices?
- i. [Response: A pedestal has been added to outside weather vestibule 100. See revised sheet A101 and A101B](#)
20. Regarding Audio Visual work (spec 27 41 00): ET301, ET302 layouts do not match architectural plans layouts in many cases and there are schedules for AV on the architectural plans. Can the ET plans be updated to show the correct floor plan layouts and add schedules for AV items so there is a clear understanding for what is required?
- i. [Response: The ET drawings have been updated to reflect the devices shown on the architectural plans, and the schedules have been added to the ET drawings. Specification 274100 has been updated to reflect the scope shown on the drawings.](#)
21. Regarding Audio Visual work (spec 27 41 00): V13 ceiling speakers in the Breakout Rooms are not shown on the architectural plans or listed in the schedule but ET302 shows them and the Breakout Room spec calls for speakers. Are there Audio Visual speakers in the Breakout Rooms?
- i. [Response: The ET drawings have been updated to reflect the devices shown on the architectural plans, and the schedules have been added to the ET drawings. Specification 274100 has been updated to reflect the scope shown on the drawings.](#)
22. Regarding Audio Visual work (spec 27 41 00): Who installs the owner provided Flatscreen Video Panels?
- i. [Response: An equipment schedule has been added to sheets ET301 and ET302 with a note column indicating which devices are OFOI and OFCI.](#)
23. Regarding Audio Visual work (spec 27 41 00): Are mounting brackets provided with the owner provided Flatscreen Video Panels?
- i. [Response: Owner provided panels will have owner provided mounting brackets. Blocking will need to be installed by the contractor per the equipment schedule notes. Contractor installed panels are to have contractor](#)

- installed brackets per the equipment schedule notes. See revised sheets ET301 and ET302 with equipment schedule added to match architectural.
24. Please clarify where exactly what blinds are going where. Sheet I000 says WT-1 and WT-2 go at all windows marked on plans. A900 says miniblinds at glazing in office. WT-1 and WT-2 tags aren't used as far as I can see.
- i. Response: Window treatment placement is tagged with keynotes I11 and I22. See sheets I101 and I102 for locations.
25. Room 102, Kitchen/Dining. Please confirm the material for the countertop on the stainless steel base cabinets is stainless steel.
- i. Response: Confirmed.
26. Please clarify the responsibilities for the furniture listed on sheet I401 & I402. Is this OFOI, OFCI, CFCI?
- i. Response: FFE to be OFOI.
27. Please confirm if the shower stalls are to receive phenolic partitions w/doors. The plan drawings appear to show them however the elevation drawings and enlarged plans call out curtain rods and shower curtains only.
- i. Response: Shower stalls are to receive phenolic partitions with doors, the same as the toilet compartments. This is called out as TCOMP-1 on the interior elevations. Specification 102113 defines TCOMP-1. Sheet I000 material ID has been updated to include TCOMP-1.
28. Is there a spec for VR-1 or VB-15 (as shown on A620)? I only see AWB-2A in the 07 27 26 spec section
- i. Response: VR-1 is defined in specification 075216 part 2.6. VB-15 is defined in specification section 033000 part 2.9 as well as details on sheet A603.
29. Based on the detail 8/A823, the detail shows a plywood substrate to be installed prior to the countertop, but, this would be applicable for a 2CM stone countertop condition. Current plans specify a 3CM countertop. Please confirm if the plywood substrate can be removed, as it is not applicable for a 3M countertop installation.
- i. Response: Plywood to be kept in detail.
30. What is the budget allocated to this project?
- i. Response: See answer # 60
31. In regards to the Bid Security, please confirm that the AIA Document A310-2010 is acceptable by the County.
- i. Response: Yes, it is acceptable.
32. Drawing number A105, Schedule - PV Solar equipment states PV inverter GFCI. What does GFCI stand for?
- i. Response: Sheet has been revised to state "CFCI".
33. Drawing C400 states: F&R AND CONTRACTOR SHALL DISCUSS AND ARRANGE THE OPERATION OF THE GATE DURING SET WORK HOURS AND IF THEY NEED ACCESS DURING ANY OTHER TIMES OR WEEKENDS. THE CONTRACTOR SHALL FOLLOW THE NORMAL PROCEDURES OF USING THE CALL BUTTON AT THE GATE. Please state the set working hours, and confirm that the F&R Facility members can grant unlimited, instant access through the existing gate to General Contractor's staff, subcontractors personnel and material deliveries. Inform about any limitation. Is access during any other time and/or weekend subject to approval?
- i. Response: The gates will be programmed to be open daily Monday - Friday 6:00am to 4:30 pm. Weekends will be on an as needed basis.
34. Access Controls: Is there any alternative to PremiSys Pro System (specified) that can be accepted by the County?

- i. Response: No other products shall be acceptable or allowed. Identicard Premis system is proprietary manufacturer for County's access control.
- 35. Are there specs for water heaters, hot water circulating pumps, expansion tanks, thermostatic mixing valves? Do not see on P drawings or spec 22 34 00.
  - i. Response: See ME801 for water heater schedule. See detail 5/P703 for water heater diagram and spec section 223400 for "Fuel Fire Domestic Water Heater"
- 36. Are boilers B-1 and B-2 by General Contractor? No spec provided.
  - i. Response: See 235216 spec. "Condensing Boiler"
- 37. There are two spec sections 22 34 00 in Volume 02.
  - i. Response: Spec duplicates will be removed and re-issued.
- 38. No spec for gas connection boxes G-1, G-2, G-3. Please clarify.
  - i. Response: See 231123 spec " Natural Gas Piping" Oately or equal
- 39. No spec for floor cleanout FCO. Please clarify.
  - i. Response: See 221319 spec "Sanitary Waste Piping Specialties" and Plumbing drawing schedule
- 40. TD-2 trench drain sizing on P801 schedule appear incomplete.
  - i. Response: No additional information required. TD-2 trench drain called out with specific model.
- 41. P701 detail 12: please provide spec for wall cleanout.
  - i. Response: See 221319 spec "Sanitary Waste Piping Specialties" and Plumbing drawing schedule
- 42. P701 detail 13: please provide spec for water meter.
  - i. Response: See spec section 221119 "Domestic Water Piping Specialties" paragraph 2.13
- 43. P703 detail 6: please provide spec for pressure washer, timer, and any other accessories, BFPs, wands.
  - i. Response: See mechanical/electrical schedule on sheet ME802 for pressure washer specification. See architectural sheets for accessories required.
- 44. Please provide spec for gas regulators.
  - i. Response: See spec section 231123 " Natural Gas Piping"
- 45. Please provide spec for 3,000 psi rated pipe, quick hose connections, any hose or wand assemblies, hoses, etc.
  - i. Response: Plumbing plan revised to call out pipe specification for 3,000 psi rated piping. Other pressure washer system accessories are called out on the architectural plans and on the ME schedule.
- 46. Does 3,000 psi pipe in bay require insulation?
  - i. Response: No insulation required
- 47. Do exposed vertical storm risers (eg in bay) require insulation?
  - i. Response: No insulation required for storm risers inside apparatus bay.
- 48. P001 Plumbing Note 11 and spec 22 13 16 say all underground waste piping shall be cast iron. Can PVC be used as allowed for underground storm?
  - i. Response: PVC pipes for underground storm pipe is allowed.
- 49. P001 Plumbing Note 12 and spec 22 11 16 say all domestic pipe under 2" shall be PEX. Can copper be used instead?
  - i. Response: Only specified PEX is permitted for pipes under 2". Copper pipe is NOT allowed for pipes under 2".
- 50. Some plumbing fixture tags do not match between the riser and plans. For example: P102 shown two KS-1 sinks in Room 211 Break/Copy and Room 212 New Mothers rooms, but riser P601 shows two SK-1 (this tag is not defined in the schedule). Another



example: P102 shows four DS-1 sinks, but riser P603 shows four SK-1 sinks (this tag is not defined in the schedule).

- i. Response: Drawing fixture tags have been corrected. See revised drawing P102, P601 and P603 for matching fixture tag.
51. Plans P101 shows a SS-1 service sink (Room 105 Janitor) and plan P102 shows a SS-2 service sink (Room 210 Laundry/Janitor), but riser P603 shows a SS-1 in both locations.
  - i. Response: Drawing fixture tags have been corrected. See revised drawing P101 and P603 for matching fixture tag.
52. SPEC section 26 05 19 part 3.2 E, says branch circuits concealed in Ceilings, Walls, and partitions can be Conductor in raceway, or MC metal clad. Part 3.2 J says to use hospital grade MC. Please clarify which wiring method is preferred.
  - i. Response: Wiring method shall be per NEC and suitable for the location. Use wiring method according to part 3.2E.
53. Please confirm if numbers written on Four Bay Doors on 2/A401 & 2/A402 are to be installed? If so, please provide information on material, size, etc.?
  - i. Response: Material ID has been updated to add FILM-3 for the numbering on the doors. This has been keynoted on sheets A101C, A401, and A402. Numbering has been revised as well on elevations.
54. Are we to provide flagpole(s)? If so, please provide a specification & location on drawing.
  - i. Response: No flagpoles in scope of project.
55. Spec Section 26 05 19 Part 3.2 E, says branch circuits concealed in Ceilings, Walls, and partitions can be Conductor in raceway, or MC metal clad. Part 3.2 J says to use hospital grade MC. Please clarify which wiring method is preferred.
  - i. Response: Wiring method shall be per NEC and suitable for the location. Use wiring method according to part 3.2E.
56. Lockers - Specs calls for welded lockers which ASI no longer provide, as well as ASI do not offer lockers with drawers. ASI can quote our riveted assembled for the 2T if required – please confirm if this will be acceptable? Attached is the cutsheet of ASI Lockers.
  - i. Response: ASI is not an acceptable manufacturer per specification 105100. Lockers can only be provided by one of the listed manufacturers in paragraph 2.2.
57. What is the status of Permits?
  - i. Response: Building permit is issued and needs a contractor assigned so it can be pulled. Trade permits will need to be applied for by the contractor.
58. When do you expect NTP?
  - i. After the contract has been awarded and all paperwork has been submitted
59. Please advise if we are to provide all wood blocking as PT where not called out to be FRT?
  - i. Response: The project is construction type IIB. All materials used on the interior must be non-combustible. Blocking is to be FRT within the envelope of the building.
60. What is the budget allocated to this project?
  - i. Response: Noted on the CIP
61. Is the testing and special inspections under the scope of the GC or Loudoun County. Is the county will issue an RFP for that services or use an on call contract.
  - i. Response: Offeror shall refer to specification section 01 45 00 Quality Control, paragraph 3.15 Testing, Inspection and Laboratory Services which identifies the testing for which the County will employ and pay for services of

an independent testing laboratory. These services will be provided via the County's Construction Support Services task order.

62. Provide a plan showing which areas of the site are to receive permanent seeding and which are to receive sod.

- i. Response: Areas of sidewalks and building to be sodded. All other areas can be seeded.

63. Please confirm all site will be cleaned & all cars will be moved prior to GC mobilization.

- i. Response: All cars will be moved prior to GC mobilization

64. Please confirm gates will be open all the time during construction process

- i. Response: The gates will be programmed to be open daily Monday - Friday 6:00am to 4:30 pm. Weekends will be on an as needed basis.

Please confirm during construction – the site will be un-occupied?

Response: The campus will be occupied as F & R are still operating during construction but the immediate site will be clear of F & R occupation

65. Please confirm there are no crane/scaffolding restrictions due to the site being too close to airport?

- i. Response: There are restrictions and the FAA needs to be notified prior to mobilization

66. Please confirm there is no work timing/noise restriction during business hours.

- i. Response: There are no restrictions

67. Please confirm we are not to replace all existing asphalt which already has cracks in it?

- i. Response: Refer to sheet C400 for extent of milling and overlay on the existing roadway around the project site.

68. Specially the asphalt in front of REAR APRON

- i. Response: Refer to sheet C400 for extent of milling and overlay on the existing roadway around the project site.

69. I was unable to locate the "Existing Segra Handhold" which is shown on plan E010 during the site visit. Please clarify if the intent is that it will be installed by others prior to construction.

- i. Response: According to survey there is an existing handhole box onsite. Sheet E010 has been revised to correctly call out which conduit pathway goes to which handhole box.

70. Will all the vehicles, utility pipes & structures presently stored within the LOD be removed by the owner prior to construction?

- i. Response: Yes except any utility pipes that are currently connected that run through the site will be the responsibility of the contractor to relocate as needed.

71. Plan A102A – Break/Copy Room 211 – The south elevation 3/A102A shows the countertop as Solid Surface (SSQ-1) and the east elevation 2/A102A shows the countertop as Plam-2. Please confirm they are both to be SSQ-1 per the sections on A822.

- i. Response: Correct, both countertops to be SSQ-1. Elevation to be updated.

72. What is the intent of the reversed letters as shown on the inside of the four-fold doors as shown on plan A101C? Are they cast aluminum and are we to provide these? If so, provide additional information.

- i. Response: Material ID has been updated to add FILM-3 for the numbering on the doors. This has been keynoted on sheets A101C, A401, and A402. Numbering has been revised as well on elevations.

73. Please provide sizing of the AE10 Prefinished Cast Metal Lettering shown on elevation 2/A401. Are they to be pinned? If so, how far out?
- i. Response: Keynote AE10 updated on sheet A401.
74. Please provide additional information and sizing of the AE11 Cast Metal Sign-Pin Mounted as shown on elevation 2/A401.
- i. Response: Dimensions added to signage and Keynote AE11 updated on sheet A401.
75. Are the “#” symbol and four-fold doors numbers shown on elevation 2/A401 to be cast aluminum letters? If so, provide sizing and pinning information.
- i. Response: Material ID has been updated to add FILM-3 for the numbering on the doors. This has been keynoted on sheets A101C, A401, and A402. Numbering has been revised as well on elevations.
76. Clarify if or where the exterior illuminated dimensional letters apply to the project.
- i. Response: There are no exterior illuminated dimensional letters in the project. Section 10 14 00 is revised.
77. Clarify if or where the exterior monument sign applies to the project.
- i. Response: There is no exterior monument sign in the project. Section 10 14 00 is revised.
78. Specification Section 26 05 19 Part 3.2 – Wiring Methods - Part 3.2 E, says branch circuits concealed in Ceilings, Walls, and partitions can be Conductor in raceway, or MC metal clad. Part 3.2 J says to use hospital grade MC. Please clarify which wiring method is preferred.
- i. Response: Wiring method shall be per NEC and suitable for the location. Use wiring method according to part 3.2E.
79. The Westnet plans provided in the front of the specs and at the end of the plans do not match the E351 & E352 plans & schedules or the A301 series plans & schedules. The counts provided in the E351 & E352 schedules do not match the other information is provided. Please provide corrected schedule(s) that all match the floorplans so we can properly decipher what we are responsible to rough and provide raceways for the owner’s vendor. Attached is a chart showing the discrepancies between the schedules and the floorplans on pages E351 & E352 alone. All this information should be provided on the Westnet plans in the back of the plans.
- i. Response: Per the scoping notes on sheet E351 and E352, the contractor is to provide all infrastructure required to support a fully functioning Westnet system. The actual Westnet devices will be provided through Loudoun County's contract with Westnet. Sheets E351 and E352 are to show actual locations of each device that will require infrastructure. There are several devices, such as the devices on the racks in Communications 214, that will be provided by Westnet and do not require infrastructure beyond what is already called for in the electrical drawings. Given that, there were a few discrepancies identified between the Westnet drawings and sheets E351 and E352 which have been rectified through Addendum 03.
80. Confirm that the ACT-2 note shown in Classroom 202 on plan A302B should really be ACT-1. There is no ACT-2 product information in the documents.
- i. Response: ACT-2 added to material ID in 24" x 48" format.
81. Window Treatment RFI's:
- i. Specification 122113.2.10 requires side channels. This is not an option that is available with 1" horizontal blinds. Please confirm that this item is not required.
  - i. Response: Specification revised.



- ii. Specification 122113.3.2A5 requires separate blinds at each window of a 2 or 3 window opening. The plans only show blinds at doors with half glass vision panels. There are however some windows type W3 which are 2 windows in a single opening. These windows are specified to get roller shades. Is the intent for these to have one shade or two separate shades?
    - i. [Response: Specification revised.](#)
  - iii. Specification 122113 .2.1B2 allows for horizontal blinds with a minimum thickness of .006 inch. The Interior material ID list on I000 defines the WT-2 blind as Dual CD80. First, what is meant by Dual? Second, the CD80 is .008 thick. Please confirm that this overrides the spec as it carries a higher cost.
    - i. [Response: The drawings and project manual are complementary, and the product identified in the material ID meets or exceeds the specified requirement. Provide the product in the material ID list.](#)
    - ii. ["Dual" removed from product spec on material ID.](#)
  - iv. Specification 122113.2.2E requires a fascia. Specification 122113.2.2F requires a top/back cover. The Interior material ID list on I000 defines the WT-1 as having a fascia with no mention of a top back cover. Is the top/back cover required?
    - i. [Response: Specification revised.](#)
  - v. The Interior material ID list on I000 defines the WT-1 as Thermoveil 3000 Series. This pattern does not exist. Please have a current pattern selected using the Phifer or Mermet Mills, as they are the standards for solar fabrics.
    - i. [Response: Color to be selected from mfg line during CA.](#)
  - vi. Specification 122113 1.2G requires 5% maintenance stock. There are 5 windows type W2, 7 windows type W3, 12 windows type W4, and 6 doors type HG. Will one additional unit of each meet the need?
    - i. [Response: Specification revised.](#)
82. Numerous issues related to the head details at the (10) arched windows above the Apparatus Bay doors:
- i. Section 7/A940 shows a continuous welded plate and refers you to the structural plans. The structural plans do not provide any information about this plate. Provide a detail for this plate.
    - i. [Response: Detail 7/A940 has been revised to remove the continuous welded plate.](#)
  - ii. Are the L4 Masonry Lintels to be 32" high arched lintels or would they be 32" high at the center of the arch and continue straight across so that the masonry gives the appearance shown on the interior elevations on S401?
    - i. [Response: The Lintel should be constructed as 32" min. depth; the top of the lintel will be horizontal and the bottom curved, so the lintel will be deeper at the window jambs.](#)
  - iii. If they are arched lintels, should they really be precast lintels? It would be more cost effect and likely stronger if the lintels where arched at the bottom and straight across at the 32" high portion of the radius since the remaining height of the wall needs to be bond beam to carry the deck angle and the parapet cap. Would give a much cleaner look.
    - i. [Response: See response to 83.b. Bid off the design drawings.](#)
  - iv. The L4 Masonry Wall Lintel Schedule on plan S004 requires a minimum of 16" bearing on each end. The 2'-0" width of the masonry piers between the windows only allows for 12" of bearing each end.
    - i. [Response: Structural takes no exception to 12" bearing on each end](#)

- v. Trying to match up a radiused bent plate/CMU lintel of this size and fabricating a radiused aluminum window to match up will be a very difficult task. We suggest a different detail approach. Please provide a better detail showing how you think this will occur.
    - i. [Response: Detail 7/A940 and the corresponding detail on sheet A630 have been revised to remove the bent plate. The storefront radius will match up with the CMU lintel arch.](#)
- 83. Section 1/A630 at Apparatus Bay eyebrows needs to be readdressed:
  - i. The SSM-1 stainless steel gutter pan liner will have a cross contamination with the galvanized 1/4" galvanized bent plate gutter pan trough.
    - i. [Response: Detail 1/A630 has been revised.](#)
  - ii. There is not enough thickness to the galvanized plate to countersink for the plywood attachment bolts and welding bolts to the plate will warp the bent plate.
    - i. [Response: Detail 1/A630 has been revised.](#)
  - iii. Given the length of the gutter pan, trying to solder the joints over tapered insulation will be an issue.
    - i. [Response: Detail 1/A630 has been revised.](#)
  - iv. With expansion & contraction of the stainless steel during, the solder joints will crack over time.
    - i. [Response: Detail 1/A630 has been revised.](#)
  - v. Numerous roofers have informed me that the depth and wide of the interior gutter pan will not give enough room to perform this work properly.
    - i. [Response: Detail 1/A630 has been revised.](#)
- 84. Section 10/S303 says at column line 4/Face. Appears to be wrong.
  - i. [Response: Section 10/S303 cut onto S401 was a typo. This has been revised to 9/S303.](#)
- 85. The ES series drawings are not showing door strikes on door contacts. Please clarify.
  - i. [Response: Refer to specification 080671 Door Hardware Scheduled for required strikes and door contacts at access control locations.](#)
- 86. Air Vac Controller Sensors shown on A101 should be with mechanical scope?
  - i. [Response: Locations on sheet A101 are to locate sensors in relation to all other equipment. AirVac controller sensors are also included on the mechanical drawings. Refer to 2/M601.](#)
- 87. Should there be (2) S10 Pedestals in lieu of (1) as shown on A101 chart?
  - i. [Response: Sheet A101 and A101B revised to show two pedestals.](#)
- 88. Plan I000 refers to SSR-3 that are Solid Surface transitions/thresholds at showers per the 066116 Cast Polymer spec. Please clarify where and if these occur.
  - i. [Response: SSR-3 removed from project.](#)
- 89. Sections 6/A730 & 10/A730 show a mud mat under the elevator pit slab. Is this necessary. Is not typically required unless there is a ground water or weather-related issue during construction.
  - i. [Response: It is part of the scope of the project per the Bid Drawings.](#)
- 90. Does the fire service line require a special mag meter that is not shown on the 5/P951 Fire Pump Detail? If so, provide the information on what is required.
  - i. [Response: No meter required for fire service.](#)
- 91. What cable type is required for the Creston User Interface in Breakout Room 216 & Breakout Room 217 as shown on plan ET302?

- i. Response: Sheets ET301 and ET302 updated to reflect all devices. Refer also to the Communications specification for cabling requirements for devices.
92. Plan E501 has a Floor Box Schedule. I can find (8) PT1 & (4) PT3. Please clarify where the PT2 floor boxes are located.
- i. Response: PT2 has been removed from the drawings. Schedule has also been updated.
93. 09 22 16 Non-Structural Metal Framing. Is it acceptable to use Armstrong or USG Drywall grid at Detail 5/A821 or similar locations?
- i. Response: If it is not in the specifications or drawings, it is not acceptable to use.
94. Is it acceptable to use 6" Flat Strap 20Ga. 33mil Surface Mounted to Studs in place of 2' x 6' wood blocking at Interior Walls – Detail 7/A822 or similar locations?
- i. Response: If it is not in the specifications or drawings, it is not acceptable to use.
95. Clarify if the Sprinkler portion of the Seismic Control must be delegated design.
- i. Response: Seismic control for the building shall be a delegated design including sprinkler system under GC contract. See spec section 230548
96. Corridor 120 on the Interior Room Finish Schedule I000 calls for AWP1. Drawing I101 does not show AWP1 in corridor 120. Is there AWP panels in corridor 120?
- i. Response: There is no AWP-1 in corridor 120. Sheet I000 revised.
97. Kitchen 102 elevation 2B/A101B shows AWP-1 panels. Drawing I000 room schedule has no AWP panels listed. Are there AWP panels to be installed in room kitchen 102 per elevation 2B/A101B?
- i. Response: Refer to interior elevations for all locations of AWP panels.
98. Drawing I000 Interior room schedule calls AWP-1 at alcove 220A. Drawing I102 does not show AWP at Alcove 102. Is there to be AWP at alcove 220A?
- i. Response: Yes, continue AWP into alcove 220A. Refer to interior elevations for all locations of AWP panels.
99. Drawing A401 AE 11 Custom Cast Metal Signs there are no sizes given for this sign. Provide size of sign for AE-11 Custom Cast Metal Sign.
- i. Response: Dimensions added to elevation and keynote AE11 updated.
100. Drawing A401 AE 10 Prefinished Cast Metal Lettering. Provide size of lettering for AE-10 Prefinished Cast Metal Lettering.
- i. Response: Keynote AE10 updated on sheet A401.
101. New Resinous Flooring specifications 09 67 23 3.4 Paint Graphics A says, refer to drawings for graphic lay-out. Will there be a drawing issued showing the graphic lay-out?
- i. Response: Graphic layout has been added to both sheet A101C. Material ID on sheet I000 updated as well to reflect 3 color epoxy paint scheme.
102. Will the I000 Drawing be changed to reflect the new Resinous Flooring specification that was issued in addendum No.1?
- i. Response: Yes, refer to sheet I000 for revised material ID.
103. Detail 1/A630 shows a AWM Material faced screwed to underside of roof steel. Can you provide more information/ specification on this product?
- i. Response: This is an ACM panel (architectural composite metal panel) product. Refer to specification 074243.
104. Plumbing drawing page P101 refers to 3,000 psi high pressure pipe. Please provide pipe, valve, and fitting specification for this system.

- i. Response: Note added to sheet P101 and P102 specifying piping as 316 stainless steel schedule 80. Refer also to ME schedule and architectural sheets for pressure washer and accessories required.
- 105. Please provide specification section for the Hydronic piping.
  - i. Response: Specification section 232113 added to the project.
- 106. Please provide specification for the 3,000 psi pressure wash system.
  - i. Response: Note added to sheet P101 and P102 specifying piping as 316 stainless steel schedule 80. Refer also to ME schedule and architectural sheets for pressure washer and accessories required.
- 107. Please clarify, on page 25 of the Security – Tech plans, is the Triangle supposed to be a WAP or Voice/ Data Outlet? The WAP symbol according to page 1 is supposed to be in a circle. This is located next to the elevator emergency button.
  - i. Response: The device next to emergency button is a wall mounted WAP.
- 108. Div 27 - ET301 & ET302: Please confirm that all underground conduit, handholes, duct banks and all outside conduit will be provided and installed by the electrical contractor or DIV 32?
  - i. Response: This is all work that will be installed by the General Contractor. It is up to the General Contractor to divide up the work between trades.
- 109. Div 27 - ET301 & ET302: Please confirm that all ceiling conduit, riser conduit, under slab conduit, cable tray out side of telecom room, wire mesh cable tray, riser conduit will be provided and installed by electrical contractor?
  - i. Response: This is all work that will be installed by the General Contractor. It is up to the General Contractor to divide up the work between trades.
- 110. Div 27 - ET301 & ET302: Please confirm that the main busbar and main Building ground wire will be provided and installed by the electrical contractor in the Telecom room?
  - i. Response: This is all work that will be installed by the General Contractor. It is up to the General Contractor to divide up the work between trades.
- 111. ET301: Please confirm that all DAS, Two-way radio, Elevator cellular system and fire emergency system will be provided and installed by DAS contractor or others?
  - i. Response: This is all work that will be installed by the General Contractor. It is up to the General Contractor to divide up the work between trades.
- 112. ET151: Please confirm that the telecom contractor will be installing the racks & ladder rack in the communications room.
  - i. Response: This is all work that will be installed by the General Contractor. It is up to the General Contractor to divide up the work between trades.
- 113. ET301 & ET302 Please confirm that all switches, UPS's, WAP equipment, and all other data communications equipment will be provided and installed by Loudoun County.
  - i. Response: Sheets ET301 and ET302 have been revised to indicate WAPs to be provided by Loudoun County. The Contractor is responsible for providing all infrastructure as indicated on the drawings to support each WAP location.
- 114. ET302: Will the AV wall mounted rack called out in the training storage on the drawing be provided by AV contractor or cable contractor?
  - i. Response: This is all work that will be installed by the General Contractor. It is up to the General Contractor to divide up the work between trades.
- 115. ET301 & ET302: Will the symbols on the drawing with a subscript 1.1 receive 2-Cat6 cables? If they receive 2-Cat6 will these be Voice and Data or just 2- Data? No legend

- i. Response: Refer to sheet E001. This symbol means "voice/ data". One voice and one data cable to be provided at this location. Sheets ET301 and ET302 have been revised to indicate the cabling requirements for data outlets.
- 116. ET301 & ET302: Will the symbols on the drawing with a subscript AC receive - Cat6 cables? Will this cable be for a control Panel and how should it be terminated? Surface mount box and jack or RJ-45 crimp plug? No legend
  - i. Response: "AC" means above counter. Refer to sheet E001. Refer also to sheet E001 for cabling requirements for each symbol.
- 117. ET301 & ET302: Will the symbols on the drawing with no subscript receive 1-Cat6 cables? If they get 1-Cat6 will these be Voice or Data? No legend (white triangle)
  - i. Response: Sheets ET301 and ET302 have been revised to indicate what symbols with no subscript versus symbols with subscript represent. In addition, general note is added to indicate what cabling is required.
- 118. ET301 & ET302: Will the symbols on the drawing with no subscript receive 1-Cat6 cables? If they get 1-Cat6 will these be Voice or Data? No legend (black triangle)
  - i. Response: Sheets ET301 and ET302 have been revised to indicate what symbols with no subscript versus symbols with subscript represent. In addition, general note is added to indicate what cabling is required.
- 119. Main Water meter? Is Loudoun County furnishing this for us to install?
  - i. Response: Refer to sheet C603 for scope of work required for the contractor in regard to the main water meter. See sheet C600 Inset A for the location of the water meter. Sheets P601 and P701 revised to clarify meter location.
- 120. Provide a detail for the Osmosis note for the cabinet sink tag "KS-2" on P101.
  - i. Response: Install reverse osmosis drinking water system to water line below cabinet per manufacturer's details.
- 121. On P101, there is a water main line that has a backflow with no water meter but when you go to detail #17/P701, there are two water meters. Additionally, per Detail 2/P702, only one is shown. Also, per P601 only one meter is shown. Please advise what to follow and provide the exact locations of the meter and what meters are needed.
  - i. Response: Refer to sheet C603 for scope of work required for the contractor in regard to the main water meter. See sheet C600 Inset A for the location of the water meter. Detail 13/P701 deleted per Addendum 03. All other meters are sub-meters to be provided in contract.
- 122. Could we get updated plumbing plans reflecting the solar water heater, circulation pumps, expansion tanks and the thermostatic mixing valves that are shown on detail #5/P703.
  - i. Response: Solar water heaters are shown on the roof plan. Expansion tanks shown on the plumbing plans.

## END QUESTIONS AND ANSWERS