

- 1) What are the specific airport security requirements for access to the AOA?
 - a. Refer to LBB Tech Ops staff for access to AOA as needed. AOA access is not expected for this project.
- 2) Is a special paint guarantee of maintenance bond required?
 - a. Standard 1 year contractor's work warranty is sufficient for painting. Omit Spec section 09915 1.6 2. "written proof" and 09915 1.10 Guarantee
- 3) The specs are calling for a 5 year parts and labor AHU, FCU, and pumps warranty, do we really need to include this? It was our understanding this project didn't include replacement of any mechanical equipment.
 - a. No. Omit Spec Section 01 78 36 1.7 Extended Warranty.
- 4) What are the testing requirements for modified or relocated mechanical system components?
 - a. Spec Section 232300 Refrigerant Piping added to address reinstalling RTU. See attachment.
- 5) Can the FAA provide a model number or an example of the diagonal access ladder being requested?
 - a. Revise the note on 1/A222 Cab Roof Plan to read "NEW LADDER SYSTEM TO ACCESS CAB ROOF. INCLUDING SAFETY HAND EXTENSION." Replace the existing "vertical" ladder with a similar product.
- 6) Do we need to provide any alternatives for the catwalk access ladder?
 - a. No. Existing catwalk access ladder to remain.
- 7) Keynote #5 on sheet A223 states to prepare and restore EIFS but we did not see any EIFS on site or on the plans. Does this note apply?
 - a. No. Omit Construction Keyed Notes #5 on sheet A223.
- 8) Multiple paint manufacturers have recommended that all holes bigger than ¼" be filled with an epoxy sealant to protect sealing integrity for the elastomeric coating being applied to the concrete panels of the tower and building. The plans and specs do not call for this epoxy or the filling of the holes, does the FAA want the epoxy included in the process to give a longer life span to the elastomeric coating?
 - a. Yes. Fill exterior concrete panel holes, as needed, with a product compatible with the silicone surface sealant.
- 9) All guard rails/stairs show color bleaching, do we need to address these? When painting, is a product that maintains color retention a priority? If so, is a coating that has a substantial warranty and UV protection preferred?
 - a. Yes. Refer to Key Notes #3 on sheet A221. Provide a paint consistent with Spec 09915 Exterior Repainting and Spec 055213 Pipe and Tube Railing Systems. Additional durability products are not requested.

- 10) All existing gas plumbing lines that have exposed metal and are showing rust/corrosion/loss of 'Safety Yellow' coating visibility. Will this need to be coated as well? If so, which level of protection would be required, and would a product that maintains the 'Safety Yellow' finish be preferred?
 - a. Add repainting plumbing lines on the base building roof deck to the scope. Use same paint standards as guard railing.
- 11) All detached concrete buildings/barriers are showing signs of corrosion/cracking. Do we need to provide pricing for these additional structures to be sealed, coated, and painted?
 - a. Yes. Add the 3 exterior buildings (UPS, Storage, EG) and mechanical screen wall to the project scope. Includes joint and surface sealant of exteriors.
- 12) Does overhead door and hardware need to be replaced?
 - a. No. Not in scope.
- 13) Do all doors and windows being resealed need to be repainted as well?
 - a. Yes. All doors, door frames, and window frames shall be painted.
- 14) What is the existing thickness of the roof insulation?
 - a. According to 2009 As-Built LBB-ATCTMOD-A02-A, "ATCT CAB ROOF CONSISTS OF A FULLY ADHERED CARLISLE 115 MIL URE-WELD TOP MEMBRANE OVER 2" MECHANICALLY FASTENED, 25 PSI POLYISO INSULATION."
- 15) Do we need to replace the storefront doors near the elevator that enter the exterior area around the bottom of the tower?
 - a. No. These doors will need new weather sealing but not replacement.
- 16) Do we need to replace the storefront door entering the BBQ patio area out in the front of the base building?
 - a. No. These doors will need new weather sealing but not replacement.
- 17) On the new double door storefront entrance to the base building do we need to provide PIV card access on the exterior or just the handicap button? How does this need to be mounted, pedestal?
 - a. No, do not provide PIV access from exterior door. The mounting of handicap button will be approved through a submittal.
- 18) Do we need replace damage concrete under storefront entrance to area outside the tower?
 - a. Yes. Add concrete repair and threshold hardware for the damaged storefront door threshold, near the elevators, to the project scope.

- 19) Keynote #8 on sheet A223 states to repaint all exterior metal louvers, hoods, and coping. Does this only apply to items on the tower and base building or does it include all buildings on the property?
 - a. This applies to exterior metal painted surfaces adjacent to new surface sealant and roofing. Existing roof parapet copings on the base building and other low buildings are excluded.
- 20) Do we need to address the lightning protection antenna that appeared to be broken on the roof? If so does the FAA have a drawing of how they would prefer this be installed?
 - a. Yes. The drawing note on 1/A222 “remove and replace broken lightning rod post...” applies. This antenna post repair needs to be permanent and attached to the same steel tubing.
- 21) What size temporary air unit do we need to provide if the AHU on the roof needs to be taken offline temporarily for roof work?
 - a. The existing cab roof unit, AHU-8, is 7.5 tons. A temporary unit will need to match existing facility conditions.
- 22) Currently there is a satellite antenna dish hanging off the side of the top corner of the tower that will interfere with the new guardrail system that is specified to be installed. How would the FAA like to address this dish?
 - a. The dish is out of service. Add removing and disposing this dish to the project scope. The facility will be responsible for disconnecting this equipment.
- 23) One cab window was cracked on the inside, do we need to address this window other than removal and replacement of the sealant?
 - a. Only reseal the tower cab windows.
- 24) The existing roof appears to only have (2) existing 3” roof drains and then (2) 4” roof drains on the catwalk portion. Will these be suffice or does the FAA want to look at upgrading the size of the existing tower roof drains?
 - a. The existing sizes are sufficient.
- 25) Can we get security system vendor information, sheet A220 referenced JCI, M.C. Dean or other.
 - a. The original vendor for the front doors was Versar, Inc. The Corrective Maintenance Contractor is KBR Wyle. Currently the security contractor is MC Dean. The MC Dean contractor is James Ahern at M. C. Dean, Inc. Office: (563) 588-1710.
- 26) Replacement of warning tape around scuppers is yellow fine for this or do we have any other color requirements to meet?
 - a. The warning tape is to bring attention to a trip hazard. There are no color or pattern preferences.

- 27) Sheet A222 Note 12 mentions checking existing plumbing lines for debris and confirm these are functional. Please confirm we are to assume cleaning of existing drain lines is not a part of this scope. We currently do not have sufficient information to accurately price cleaning of any existing debris.
- a. If the roof drain plumbing lines are not functioning properly, prior to roofing work, the contractor shall notify the FAA. Restoring the lines to operate properly will be treated as a change order if done prior to roofing. As such, if the drains are not functioning after roofing work is completed, the contractor will be responsible for restoring the drains to proper operation.
- 28) Will the contractor be required to provide perimeter scaffolding for fall protection for all work being done to the CAB roof?
- a. No. The contractor may choose their methods to comply with OSHA regulations for their employees. It is expected that the contractor develop a Fall Protection Program for cab roof work.
- 29) Please provide details for new CAB ladder mentioned on sheet A222 Note 20.
- a. Revise the note on 1/A222 Cab Roof Plan to read “NEW LADDER SYSTEM TO ACCESS CAB ROOF. INCLUDING SAFETY HAND EXTENSION.” Replace the existing “vertical” ladder with a similar product.
- 30) Sheet A221 Note 2 mentions replacement of existing guardrail hardware. Are we to assume only replacing the South and East side guardrail on the base of the building and assume all other guardrailing is to remain?
- a. Key note 2 on sheet A221 applies to all the existing guard rail component hardware on the base building roof. Refer to Spec Section 055213 2.3 B 5 Hardware.
- 31) Sheet A221 Note 4 states to replace existing closed conduit with an open conduit. Please confirm this will be handled by Facility Techs.
- a. The existing conduit is empty. The contractor is only responsible for replacing the conduit. The facility technicians are responsible for installing electronic cabling into the new conduit.
- 32) Please provide details for new floor access hatch from sheet A224.
- a. The contractor will need to field verify the existing floor hatch and propose a steel replacement through the submittal process. Drawing SW-D-8166-A-3 Tower Plan dated 10/17/73 is attached for reference. Refer to S1/A3 for access door. Refer to Spec Section 077100 Roof Hatch for approved manufacturers and execution.
- 33) Please confirm division 9 is not applicable to the project. If it is, please confirm scope for these items with the exception of section 09 91 13.
- a. Spec Division 9 Finishes applies to the project scope. Section 09 96 00 refers to Construction Keyed Notes 7 on sheets A223 and A224. Sections 09 29 00, 09 51 13, 09 91 23 are as needed for general interior work.

