

RFI #	Industry Question/Issue	Government Response
RFI #9	Is the current Signage Specification correct? This spec was reviewed by a signage contractor familiar with this facility and believes this VA is using a different program.	Signage Plans are part of this amendment.
RFI #10	I was looking through the controls specifications in scope (230923). I noticed that on page 5 section F, states that the facility's existing direct-digital control system is manufactured by Johnson Controls. The current BAS was installed by Automation System Integrators, and is of the Computrols Brand. There is no Johnson controls BAS system on sight. The ADX Server has been removed and the remaining Johnson Controls Unitary Controllers are integrated into the Computrols BAS. I would like to request an amendment to the specifications of the Renovation of Building 8 at Mountain Home TN, Specification Scope 230923 Page 5 Part F.	Section 230923 part F page 5 Remove Johnson controls and insert Computrols as installed by Automation Systems Integrators. As per the specification the new controls are to be open protocol BACnet BTL compliant.
RFI #11	Is the contractor to provide Directories and interior signs? If the contractor is to provide Directories and interior signs; will a sign schedule be provided? Will a drawing be issued for signage location and quantity? Will a drawing for signage detail be issued? Will a schedule for signage be issued?	Signage Plans are part of this amendment.
RFI #12	Civil drawings CD-1, CS-1, CU-1 and CL-1 provide no scale or a scalable point of reference. The building dimensions are distorted on these drawings so that it cannot be used as a point of reference. No accurate quantities can be ascertained due to missing scale. Can a scale be provided for civil drawings CD-1, CS-1, CU-1 and CL-1?	Building dimensions and scales weren't provided on civil drawings. Refer to note on all sheets requiring Contractor to verify all quantities in the field.
RFI #13	Reference sheet AE201 Sheet Keynote #3. Plastic simulated wood running trim. What is the extent of the trim. Is it only located at the brackets or does go around the perimeter of the soffit?	Trim will only be located at the brackets only as presently detailed on existing building.
RFI #14	Reference Sheet AE303 Detail F4. Sheet note 17 calls for PT trim. Is the trim to be plastic simulated wood trim?	Trim shall be plastic simulated wood.
RFI #15	Reference sheet AE201 Sheet Keynote #4. This makes note of bird protection spikes. What is the extent of the bird protection spikes?	Located at brackets only.
RFI #16	Spec Section 10 13 00 calls for Directories. Where are the directories indicated on the drawings.	Signage Plans are part of this amendment.
RFI #17	Spec Section 10 14 00 calls for Signs. Where is the sign schedule indicated?	Signage Plans are part of this amendment.
RFI #18	Reference Spec Section 06 06 00 section 10 26 00 Wall Guards and Corner Guards. This shows CG-1, CG-2 and CG-2. These are not shown on the drawings. Sheet AF601 General Note E states "All exposed wall corners shall have corner guards". Please Clarify.	Finish Legend on AF601 states where each corner guard will be located.
RFI #19	Reference Sheet AE001 Partition Types. None of the partition types do not indicate any insulation. Will any of the partitions require thermal or sound insulation?	Partition types are as indicated on sheet AE001 except as noted here. Provide 3-5/8" sound attenuation blanket in interior walls around the following rooms: B034,111,206,207,208,209,215,217,219,221,231,247,231,317. In the following mechanical room walls provide sound attenuation blanket as well as acoustical gypsum board on all interior walls both sides: B007,B022, 131,134,226.
RFI #20	Video Surveillance Specification 28 23 00 (Page 9) Section 2.6 A indicates: "All Cameras shall match existing VASS equipment installed on the Mountain Home Campus. Cameras shall either the AVIGILON 2.0 Megapixel WDR HD Bullet Camera or the 1.3 Megapixel H.264 HD Dome Camera with Lightcatcher Technology". Can you confirm what type of camera is required for the Outdoor PTZ locations?	The Avigilon 2.0W-H3PTZ-DP20 2.0 Megapixel Day/Night H.264 20x HD PTZ Pendant Dome Camera is the current IP66 compliant camera with pan, tilt, zoom capability.
RFI #21	What are the retention requirements for the cameras to be installed in Building 8? What frame rate, resolution, number of recorded days required and expected motion percentage should be calculated to determine NVR storage?	All video cameras will be connected through the network to Security. No recording device is required in Building 8.

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RFI #22	Section 230923-34(H) Wireless Steam Trap Monitoring System. Regarding to this portion of the specifications, need to verify that this wireless system that is being sought out for the project has been approved by the VA IRM. (Information Resource Management). I know from past experience with past orders with the VA that the owner has frowned down upon any type of control being wireless and if such a system were to be wireless, it would have to go thru this process of approval. Please clarify if this is the case for the Steam Trap System.	Provide as specified in the documents.
RFI #23	On drawing M703 towards the bottom middle of the drawing there is a Building Lighting Controller indicated that goes back to the BAS, however, from drawing E501 which shows the Lighting Controller, there is no communication port or any mention that this ties back to the BAS. My question is, do the lighting Controllers in fact tie into the BAS and if so, should it not be mentioned that these controllers should have a Bacnet communication port to allow for the BAS integration?	The Wattstopper LP8 Lighting Control Panel shall be equipped with a Type GS Group Switching Card to control the relays with a "Scheduled On/Off" Channel. A hardwired low voltage interconnection to a BAS Panel dry contact shall be provided.
RFI #24	Regarding to the control and communication wiring, from what I am seeing, everything needs to be run in conduit. My question is would it be acceptable for the communication wiring, (ARC156) which rates no more than 1.11vdc, to be able to be run above the lay in ceilings as long as it is neatly fastened? We have installed numerous. projects like this to keep installation costs down without causing any issues. Please indicated whether this would be acceptable or not.	System cables are to be run in raceways (conduits and cable trays).
RFI #25	Will the owner be responsible for removing all the furnishings from the building?	Yes
RFI #26	On drawing M704 regarding to the Secondary Chill Water Pump Points list, there is a reference to certain points regarding to VFD's. My first question reflects back to a previous RFI that was submitted earlier as far as who is to provide the VFD's, and secondly and most importantly, I did not see any pump schedule for these particular pumps stating what voltage, hp etc that each one has to have. The only pump schedule that was too be found was on M601 indicating CWP-1 thru 4 and HWP-1 & 2. All other pumps seem to be missing from the schedule. Need to have remaining pump information for VFD sizing.	Pumps are scheduled as to purpose, size and horse power requirements in the pump schedule on sheet M601.
RFI #27	Once again on M704 regarding to the chillers control points list, there is a Bypass control valve mentioned, however, per the Sequence of Operations to the left of that point chart, there is no mention of how this valve is to function. Only the Chiller Isolation Valves are noted for operation. Additionally, I have not seen any place on the drawings where this valve is too be placed. My question is, does this valve exist, if so, what is the Sequence of Operation and where is it located?	Remove the reference in the points list on sheet M704 referring to a bypass control valve. It is not required for a Primary Secondary pumping system.
RFI #28	Spec. Section 06 20 00-2.12 A states to provide fire retardant treated wood members and plywood where indicated. See sheet AE501. Some of the details show FRT and some details do not indicate FRT.	Provide as indicated on drawings.
RFI #29	We have contacted casework/millwork subcontractors. They have stated that FRT treated plywood have resulted in warping and delamination issues. Can the FRT plywood indicated be changed to non FRT plywood?	The FRT can be changed to non FRT on the casework.
RFI #30	Door Schedule shows Openings B003, B004, B013, B014A, B016A, B016B to be Hollow Metal Type 'E' Doors. Door Elevation 'E' on Sheet AE602 shows a Wood Door. Please clarify whether these doors are to be Wood or Hollow Metal. If they are to be Hollow Metal, please provide manufacturer information as our suppliers are unable to find a metal door profile matching that shown.	Doors B003, B004, B013, B014A, B016A, B016B shall be door elevation "A".
RFI #31	Opening 101 is a single door but is assigned HW set #11 which is for a pair of doors. Please clarify.	101 is not a pair of doors so HW set #11 is not applicable. Use HW-5.
RFI #32	Openings 101, 113, 116, 122, 135, 148, 151A, 201A & 201B call for Frame Type 'D' which shows Aluminum Storefront, however, the Head & Jamb Details show Hollow Metal. Please clarify.	Use the Kawneer Trifab 400 Framing System as the basis of design and all associated manufacturer's details.

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RFI #33	Openings 217 & 221 call for Frame Type 'E' which shows Aluminum Storefront, however, the Head & Jamb Details show Hollow Metal. Please clarify.	Use the Kawneer Trifab 400 Framing System as the basis of design and all associated manufacturer's details.
RFI #34	Openings 206, 207 & 219B call for Frame Type 'F' which shows Aluminum Storefront, however, the Head & Jamb Details show Hollow Metal. Please clarify.	Use the Kawneer Trifab 400 Framing System as the basis of design and all associated manufacturer's details.
RFI #35	Openings 114A & 149A call for HW Set SH-4 which is in Spec. Section 081710 Integrated Door Assemblies, however, these are closet doors. Please confirm that these are to be Integrated Door Assemblies.	These are not integrated door assemblies.
RFI #36	Door Elevations G, H & I – Are all Sidelites to be Wood, Painted (P-2) Per Elevation H?	All painted.
RFI #37	Please issue the Asbestos Survey/Inspection Report.	See attached.
RFI #38	Please issue the Lead-Based Paint Survey.	See attached.
RFI #39	Please issue the as built drawings of the existing HVAC system.	There are no as built drawings of the existing HVAC system.
RFI #40	Where are the directories located?	Signage Plans are part of this amendment.
RFI #41	Are locker bases metal or concrete?	Concrete as indicated on Detail F6 on sheet AE401.
RFI #42	What ga. are the lockers? 24 ga. cannot be welded. 16 ga. can be welded.	Provide lockers as specified.
RFI #43	Are fire extinguishers by owner and if so what are their size?	Fire extinguishers will be provided by owner.
RFI #44	What size should the fire extinguisher cabinets be made for?	Inside box dimensions 24"Hx91/2"Wx6"D
RFI #45	Section 1142100 Part 1 Section 1.03 References A:1 Specification references the requirement for the elevator upgrade work to “comply with ASME A17.1 Safety Code for Elevators and Escalators, latest edition or as required by the local building code.” We are of the understanding per code in order for this condition to be met an unintended motion device i.e. (Rope Gripper) must be installed on the existing original Geared Traction Hoisting Machine Assembly along with controller interface to operate with the existing control and equipment design. Such work scope is not specifically outlined in the bid specifications or project drawings and as this will be a significant undertaking we would like to know if this work is intended to be included or not in the specifications. In summary must an elevator unintended motion device be installed (Yes or No) for the intended scope of work for this project	Yes an elevator unintended motion device needs to be installed.
RFI #46	Drwg AD104 Note 13 says slate shingles to remain. Drawing AE201 says replace all damaged or missing slate roof shingles. Is there a quantity or square foot amount of shingles you want us to use for this replacement?	Use as an allowance 10% of the roof area for replacement of damaged or missing slate shingles.
RFI #47	Drwg AE201 and AE202 Note 8 references a metal clad duct chase/chimney. I don't see it flagged on the drawing. Are there any details for this. Does it stay and does it get painted?	Delete Note 8. There are no metal clad duct chase/chimneys.
RFI #48	Please verify that building will be completely emptied of personnel throughout before the NTP. Confirm we are doing the entire building at once and no part of the building will occupied during demo or construction.	The entire building will be empties prior to beginning construction.
RFI #49	AE202 note 4 note 4 addresses the bird deterrent spikes. On the exterior wall demo drawings AE301 the spikes are not listed. Are we to remove and re - install the spikes or provide a new bird deterrent system or leave the old spikes in place?	Leave old spikes in place.
RFI #50	Due to the fact that our subcontractors' suppliers will send their prices for materials and equipment at the last possible date (11-27-15) because they know the bids are due on 11-30-15, can we have the date moved to one week later to allow time to mail in the proposal. In order to accommodate out of town participation, allowing electronic submission of the proposal and follow up with the hard copy would work too.	This question has been addressed.
RFI #51	Will parking be provided for the construction workers outside the contractor's laydown area?	The only parking for construction workers will be inside the contractor's laydown area.
RFI #52	The drawings in places references CAT 6 E cable and in other places in the documents CAT 6 cable is referenced. Is the requirement that all Data Cable is CAT 6E?	Per the VA, "All new telecom/data drops for the James H. Quillen VA Medical Center shall be CAT6-E provided and installed by a certified communications contractor."
RFI #53	Is CAT 6 E Cable to be plenum rated or PVC rated?	CAT 6E cable shall be PVC jacketed cable in raceway.

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RFI #54	Please confirm backbone cabling fiber and copper count	Outside plant copper and fiber are existing to the basement and 1st Floor TR closet of the building. Copper and fiber extensions beyond that point (2nd and 3rd Floors) are to be removed complete. Each TR (IT Room) shall be connected with copper and fiber from the first floor. See #48 below for fiber requirements. Provide 25 pair copper with 110 blocks to each TR from the 1st Floor room.
RFI #55	The spec calls for multi mode and single mode fiber to each TC please confirm.	Provide 12 strands of multi-mode and 6 strands of single-mode fiber, all 62.5 µm to each TR from 1st floor room. Run in 1" innerduct through conduit sleeves.
RFI #56	Will contractor have full access to building perimeter at once for lifts? Or, will we need to do a small area and move often? How many windows can be removed at one time before new window installation begins? We understand contractor is responsible to keep openings water protected.	Yes, the contractor will have full access during the construction period, it will be the contractors responsibility to keep openings water protected and rodent proof, for instance plywood and plastic.
RFI #57	Other than shutting the fire sprinkler system down and capping the main lead-in, will the sprinkler contractor be required to perform any demo of the existing piping?	Entire sprinkler/fire protection system to be removed downstream of existing PIV and including PIV. See dwgs FXD100-FXD104 & PS101.
RFI #58	Will a dry type system be required for attic space?	Yes. See dwgs FX103 & FX104.
RFI #59	FX001 note D Note "D" on drawing FX001 calls for institutional type sprinklers in all ceilings. Is this correct? If not, what type of sprinkler heads and what type of finish will be required?	Institutional type not required. In finished ceilings, use concealed UL listed quick response, FM approved standard response concealed heads per VA approval. In unfinished areas with no ceiling use quick response rough brass upright heads.
RFI #60	Will permitting or local or state licensing be required for this project? Is the GC responsible for the cost of permitting if required.	State licensing will be required for sprinkler design
RFI #61	Sheet AE601 and AE602 indicates head H1 & jamb J5 for doors. AE603 Detail J5 indicates painted wood trim on both sides. The head detail H1 does not show trim. Will the head H1 have trim? Please clarify.	The head will have trim as well.
RFI #62	Reference sheet AE603 Detail J6. Where is this indicated on the door schedule?	This jamb would be located at wood door assemblies being installed in existing construction. Such as doors 201A and 201B.
RFI #63	Is it correct to assume that there are two (2) window shade types to be used? (below) 1. 12-24-21: Blackout roller 2. 12-24-00: This calls for the shade cloth to be "opaque, 3% perforated." Could you please clarify which is to be used? Does the VA want 3% open solar shades or completely lightproof shades for this particular spec? Shades with side channels and fascia (cassette) for complete light blockage.	Both will be utilized. All offices and break rooms will receive 3%. All conference rooms will receive blackout shades with side channels.
RFI #64	12-24-00-2 says the length of the shades shall exceed the height of the window by 12". Is it correct to assume that if the window is 60" the VA wants them to be 72"? This seems unusual. Could you please confirm that this is what is wanted?	This is correct it is a VA Standard in their Master Specification Section 12 24 00.
RFI #65	Which windows need the blackout shades with side channels and cassettes (12-24-21) and which windows need the shades spec'd in 12-24-00? It is unclear in the documents which shades go on which windows.	All offices and break rooms will receive 3%. All conference rooms will receive blackout shades with side channels.

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RFI #66	The specifications do not indicate any motorized shades for this project. However, the finish schedule indicates motorized blackout shades with side and sill channels in Room 215 Multi-Purpose and 221 Conf Room. Do these motorized shades need interface capabilities with any other equipment?	<p>Add to Specification Section 122421 the following paragraph to Art. 2.1</p> <p>D. Motorized Operating System: Provide factory-assembled, shade-operator system of size and capacity and with features, characteristics, and accessories suitable for conditions indicated on construction documents, complete with electric motor and factory-prewired motor controls, power disconnect switch, enclosures protecting controls and operating parts, and accessories required for reliable operation without malfunction. Include wiring for motor controls to motors. Coordinate operator wiring requirements and electrical characteristics with building electrical system.</p> <p>1. Electrical Components: Listed and labeled as defined in NFPA 70, by a qualified testing agency and marked for intended location and application.</p> <p>2. Electric Motor: Manufacturer's standard tubular, enclosed in roller.</p> <p>a. Electrical Characteristics: Single phase, 110 V, 60Hz.</p> <p>3. Remote Control: Electric controls with NEMA ICS 6, Type 1 enclosure for recessed or flush mounting. Provide the following for control activation of shades:</p> <p>a. Wall mounted controls: switches with hand held remote that are able to electronically set and reconfigure shade open and close limits, shade preset positions, system groups and system subgroups at the control without rewiring and without access to the Electronic Drive Unit.</p> <p>b. Operating Function: Stop and hold shade at any position.</p>
RFI #67	Manual 3% openness shades are indicated in the finish schedule for 4 each restrooms. However, the finish schedule General Sheet Note F. states: All window shades not indicated in the finish schedule will be provided by the VA for the contractor to install. Please provide quantities and type, i.e.. Manual vs Motorized.	All windows not in finish schedule will receive a 3% shade, manual operation, provided by VA contractor installed.