

SOLICITATION W50S6Y-25-B-A004 Combine Weapons Fac- LSGA239001

Addendum 04 Q&A

Date of Bid Inquiry:

Questions 1:

SPEC. SECTION 03 30 00 Page 24 PAR.2.4.7 CALLS FOR A Chemical Vapor Intrusion Barrier beneath a portion of the Hangar 1 slab in Areas A and B as indicated on the Structural Drawings and all of the slab at the AGE. Structural drawing do not show the extent of a Chemical Vapor Intrusion Barrier placement, it does call for 15 Mil Vapor barrier under all building slab. Are we to install both the Chemical Vapor Intrusion Barrier and the 15 Mil Vapor barrier as per Specification section 03 30 00 THAT indicates we may require use of additional layers? Specify the location of each Vapor/Chemical sheeting.

AE-pending response.

Question 2:

Structural drawings S-101 NOTE 11. All site contaminated soils shall be removed, for more information, refer to geotechnical engineering report and civil drawings. The geotechnical engineering report does not indicate any contaminated soil Civil drawings sheet C-002 excavation and trenches note 4. calls for all "soil removed from these sites will require characterization and proper disposal. Soil analysis that confirms the presence of PFAS will need to be disposed of in a facility that accepts PFAS contaminated soils. Ground water at these sites has also been impacted. Groundwater can be containerized and disposed of at facilities that accept contaminated groundwater. It can also be treated on site. Contractors will need to comply with Florida regulations regarding the removal of contaminated groundwater." We are unable to determine the quantities of contaminated water and soil, will the testing and removal of contaminated water and soil be priced as a change order?

AE: Please refer to Civil Appendices E1.8 and E1.9 for information in regard to location, quantity, and required removal process for soil contamination.

Questions 3:

Drawing A-103 Detail K3/A-501 calls for a Cavity Wall insulation of 2" INSULATED METAL PANEL at AREA B ADMIN., Detail A7/A-321 calls for 1" RIGID INSULATION. Please Confirm Cavity wall insulation Thickness at AREA B ADMIN.

AE: The reference drawing does not have the details mentioned on this RFI.

Questions 4:

S-002 Site Preparation Note 2 states Terracon must be retained for observations. Several other areas thought the civil and Structural Drawings also mention Terracon's services. Is the government retaining Terracon's services directly? If this is for the GC to provide, can any Geotechnical Engineering Service be retained or if using Terracon's services required?

AE/GOV: A GEOTECHNICAL ENGINEER must be retained by Prime Contractor for the project. It does not have to be Terracon (no Sole Source is included in Solicitation for GE).

Questions 5:

For the installation of insulation at the 2" Metal Panel Cavities, it states the insulation installer must be certified by the metal panel manufacturer prior to beginning the installation of the metal wall. Does the wall insulation at this wall type need installed by the metal panel installation company or is this note meant for the wall panels themselves?

AE: The note is meant for wall panels.

Questions 6:

The report provided shows no asbestos found. However, several times during the site visit it was mentioned to have asbestos, please confirm.

AE: The GC is to adhere to legal requirements for abatement and the A/E cannot not advise any deviation.

Questions 7:

The lead report does show lead present. However, the percentage found within the report are well below the legal requirement for abatement. With this still need treated as a full abatement or can demolition of the building and disposal at special waste landfill while still meeting regulations be acceptable. Please confirm

AE: The GC is to adhere to legal requirements for abatement and the A/E cannot not advise any deviation

Questions 8:

Please confirm the Installers of the self-adhered air barrier between split face block and structural wall must carry a certification from the ABAA QAP Quality Assurance Program.

AE: Installers for the self-adhered barrier between the split face block and structural wall need to carry a certification from the ABAA Quality Assurance Program and any other certification that is required by Contract documents.

Questions 9:

Please confirm if the bollards on this project are to be schedule 40 or schedule 80.

AE: Proceed with using schedule 80 for the bollards. For reference, see detail A1/CS501 in civil drawings for schedule specifications.

Questions 10:

Please confirm the TV brackets for Owner installed TVs are also Owner Provided.

GOV: TV Brackets Contractor Provided. TV are FF&E and not included in this contract

Questions 11:

Please confirm if all furniture such as desk, chairs, monitor arms and workstations are to be provided by General Contractor or Government.

GOV: all FF&E is separate and will not be in this contract.

Questions 12:

Please confirm if equipment such as refrigerator, coffee maker and microwave is provided by GC or Government.

GOV: all FF&E is separate and will not be in this contract.

Questions 13:

Ref. Specification Section 07 61 14.00 20, 1.3.1: Do the roof panels need to be of a design to allow for removal / replacement after initial installation? Do the roof panels have to be full length, rolled on site?

AE: Q1 - Individual panels of snap together type systems must be removable for replacement of **damaged material**.

Q2 - Yes, roof panels have to be full length and can be rolled on site as long as the process meets the specification conditions.

Questions 14:

Ref. Specification Section 01 10 00, 1.4.B.2: Will any manufacturers in addition to Johnson Controls, Inc. be considered for this project?

AE/GOV: No, as stated in the specification the system used is Metasys which works with Johnson Controls. See Brand Name JA in Solicitation.

Johnson Controls, Inc. contact:

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brad.e.tepper@jci.com

(904) 732-5449

Questions 15

Ref. Specification Section 01 14 16, 1.2.A: Please clarify all fees and permit costs that we are to include in our bid.

GOV. As a federal Project, we have no permitting fees.

Questions 16

Ref. Specification Section 01 23 00, 3.1.A; and Solicitation Section 00 10 00CLIN Schedule; I-101 & I-102: There is an Optional Line Item (OLI) for FF&E listed in 01 23 00 but not shown on CLIN Schedule. Please clarify Contractor is to include costs for FF&E in CLIN 0001 or as an OLI. If as an OLI, please modify Bid Form.

GOV: FF&E is not included in this Solicitation.

Questions 17

Ref. 07 60 00, 3.1.17 & 3.1.18: Please provide required dimensions, gauge and finish for aluminum gutters & downspouts.

AE: Q1- Dimensions: Gutters 6" w x 8" d; downspouts 4" x 4"

Q2- Gauge: 26-gauge aluminum

Q3- Color: Factory finished Bronze (to match currently under construction Simulation Facility)

Questions 18

Ref. A-103 & A-104: Are soffit panels required at exterior covered storage areas or is ceiling open structure?

AE: covered areas will have a painted open to structure ceiling design

Questions 19

Ref. J5/A-405: Is this detail applicable? If so, please clarify location.

AE: Detail J5/A-405 is applicable. It is the top cover of the mechanical yard per ATFP requirements. Refer to A-406 for related details

Questions 20

Ref. A-621: Window Schedule shows a count of 11 Type D windows and Floor Plan shows 5. Is Floor Plan correct?

AE: The floor plan is correct, there are 5 Type D windows in the design

Questions 21

Ref. A-621: Window Schedule indicates thickness of 1" for all types but Glass Type 1 states "Clear Laminated ¼"". Please clarify which is correct.

AE: The window assembly is 1" double pane ¼" sash with a ½" low-e gap in between the two sashes.

Questions 22

Ref. A-621 & Specification Sections 08 41 13, 08 51 13 & 08 56 53: Please clarify which specification section window types D & E fall under.

AE: Windows D and E fall under section 08 56 53

Questions 23

Ref. Specification Section 08 71 00, 3.6: There are some notes under the hardware sets that got cut off in printing. Please provide the complete note(s).

AE: Please refer to full spec 08 71 00 door hardware.

Questions 24

Ref. I-105: What does the dash line between rooms 129 & 130 represent?

AE: The dashed line between rooms 129 & 130 delineates where the rooms separate. It's only a graphic representation of a dividing line between the two rooms and their functions.

Questions 25

Ref. I-109 & I-601: please provide required dimensions for walk-off mats in 102 Vest 2, 105 Vest 1 and 106 Lobby.

AE: The following are the dimensions for the walk-off mats:

- 102 Vestibule 2: 4'x7'
- 105 Vestibule 1: 7'-6" x 7'-0"
- 106 Lobby: 7'-6" x 3'-6".

Questions 26

Ref. A-143 & I-601: A-143 shows ACT (C3) in 102 Vest 2 and Finish Schedule shows W1 ceiling. Please clarify.

AE: Room 102 shall have ACT or C3 (per the finish schedule).

Questions 27

Ref. I-102: Please clarify the item that is "Owner-provided, Contractor installed" in 122 Test & Training room.

AE: The "Owner-provided, Contractor installed" item is a TV.

GOV: FF&E will not be part of this contract.

Questions 28

Ref. CU101: Please clarify the required material type for 8" fire water line.

AE: The required material type for the 8" fire water line is HDPE per specifications Section 33 11 00.

Questions 29

Ref. A-601: There is a note in several details that states "Acoustical batt insulation at sound rated partitions, RE Sound Rating Floor Plan for STC requirements". We did not see a Sound Rating Floor Plan. Please clarify.

AE. Please see attached RFI 0057 attachment STC rating requirements plan. This sheet has been revised to include the requirements. Please also review the door schedule to coordinate door STC requirements.

Questions 30

Ref. A-142: Please provide specifications and details for Bird Control Device.

AE: Refer to sheet A-531 G6, G11 and G16 for basis of design.

Questions 31

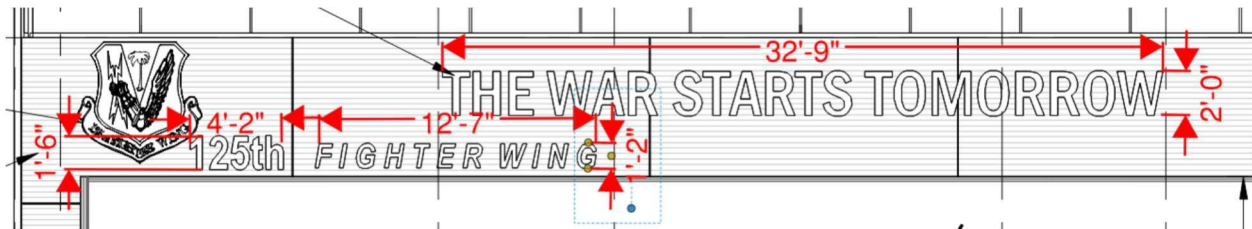
Ref. J14/A-322: Please provide specifications for sunshades.

AE: Please refer to the Shade Detail on page A-322 as well as specification 05 50 13 Miscellaneous Metal Fabrications

Questions 32

Ref. G4/A-203: Logos are noted as "GFCI". Are letters also GFCI or CFCI? IF CFCI, please provide required dimensions for letters.

AE: The Building Signage letters "125th, Fighter Wing, and THE WAR STARTS TOMORROW" are CFCI.



Questions 33

Ref. Specification Section 10 14 53 Traffic Signage: Please clarify required locations and types of traffic signs.

AE: There is no proposed site signage.

Questions 34

Ref A11/A-401, A13/A-422 & G3/A-821: Item 12.48.05 on A-401 states "Entrance Floor Grates" but A-422 and A-821 shows a wood slat bench. We assume the wood bench is correct. Please provide specifications for this bench. Is it custom built or a manufactured item?

AE: Item 12.48.05 points to the perimeter of the entry mats which are recessed grates on the slab. The wood slat bench is a custom built wood plank bench.

Questions 35

Ref. A-402 & K2/A-603: A-402 shows length of operable partition at 28'-11 1/2" (including pocket depth) and K2/A-603 shows 21'-9". Please clarify.

AE: The correct dimension is shown on A-402 at 28'-11 1/2". Please disregard the overall dimension on A-603.

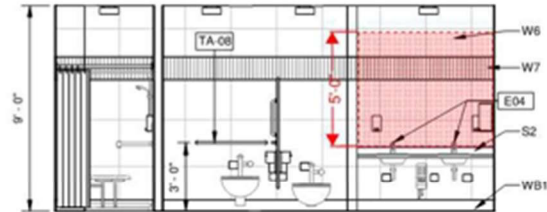
Questions 36

Ref. A-401: Please clarify required locations for TA-15 Full Length Mirrors.

AE: TA-15 Full Length Mirrors are not required in restroom or locker areas. The TA-06 mirrors are required over the sink countertops as show on the plans and the red marked images below:



V. **A6** ROOM 110 MEN'S R/R NORTH ELEV.
SCALE: 1/4" = 1'-0"



K1 ROOM 109 WOMEN'S R/R NORTH ELEV.
SCALE: 1/4" = 1'-0"

Questions 37

Ref. H13/A-422 & K3/A-821: Please clarify if picture frame in 106 Lobby is OFCI or CFCl. If CFCl, please provide specifications and details.

AE: The picture frames are GFCl. The elevations show the pattern to follow once these are provided.

Questions 38

Ref. J7/I-604: Note states "Repeat warning text at equal intervals across entire opening". The length of this pavement warning sign is 30' and the hangar clear opening is 64'-8". Are we correct to assume that 2 of these pavement warning signs are required across the opening?

AE: After a discussion with architecture team, one (1) pavement warning on center will be enough for this area.

Questions 39

Ref. I-605: Please clarify required locations for Hangar Mullion Pit Sign (Detail A4) and Hangar Pop-up Utility Sign (Detail G16).

AE: Upon further review, neither of these details, A4 and G16, are applicable to this project.

Question 40:

Ref. Specification Section 1259 00, 2.1; I-101, Note 20-22 & I-102: Please clarify if systems furniture is CFCl, GFCl or GFGL.

GOV: all FF&E is separate and will not be in this contract.

Question 41:

During the site visit it was stated that the existing fence would be demo'd, a temp construction security fence would be installed for construction, and then a new permanent security fence would be installed.

The project plans show the fence demo, but there is no mention of the new fence in the project plans and no specifications provided for either chainlink fencing or security fencing. Can the Government clarify if a new permanent fence is to be installed and if so, please provide the required drawings and specifications.

AE: Perimeter fence is not in the scope or included in the Parsons A/E design.

Question 42:

Drawing I-601 references Glass Wall Tile, Crossville Groove Glass GG22/.10412 Disco, 2"x12". That tile color, according to the manufacture, is discontinued. Can the Government please provide an alternative.

AE: Please use the **Interceramic Brilliance-Decorative Accents** in color **Graphite** in size **11-3/4" x 11-3/4" (2"x4") Stacked Mosaic Mixed Clear & Matte Finish** as an alternative.

Question 43:

Drawing I-601 references Tarkett Contour Series Modern Wood (3732 Loft Oak) 6"x36" LVT. That plank color, according to the manufacturer, is discontinued. Can the Government please provide an alternative.

AE: Please use the following as an alternative to Tarkett Contour Series Modern Wood (3732 Loft Oak) 6"x36" LVT: **Tarkett Contour Wood Proper Oak PCPO Woodrow 4631 - 6"x36" LVT**

Question 44:

This paragraph states "HVAC Functional Performance Testing will be performed twice; approximately 10 months apart. Initial testing will be conducted upon completion of the simulation facility building, prior to installation of the flight simulator equipment, including servers, etc. Intent is to verify HVAC systems can maintain the prescribed environmental conditions with the projected thermal loads being applied through load banks installed in the various spaces.

A second phase of HVAC functional performance testing shall be conducted after completion of the installation of all flight simulator equipment and associated support equipment. The CxA shall coordinate with the Owner and the CM regarding the scheduling of this testing, which is anticipated to occur approximately 10 months following completion of the building substantial completion, including the first phase of functional performance testing."

Please confirm that the contractor is to come back to the project after BOD (after the simulators which aren't a part of this project have been installed) to retest the system functionality.

GOV: Disregard this duel test, there are no simulators in this project, single CxA is required.

Question 45:

For the crushed crete base are we allowed to reuse the existing concrete that is being removed, crush onsite and reuse as part of the crushed crete base?

AE: Yes, per FDOT Requirements, it is acceptable to reuse the existing concrete that is being removed, crush onsite, and reuse as part of the crushed concrete base. Coordination with FANG will be required for site location.

Question 46:

There is no basis of design notated in the mechanical schedules. What manufacturer was used as BOD for this project? This would be applicable for the air handling units, fan coil units, chillers, pumps, expansion tank, air separator, split system air conditioning unit, relief fan, exhaust fan, VAV's, unit heaters, duct heater, glycol make up unit, filter (FLTR-1), and buffer tank.

AE: Must meet design criteria specification.

Question 47:

There are no approved manufacturers listed in the specification for HVAC equipment. Is it to be assumed this project is fully open, and all manufacturers are acceptable for base bid assuming they can meet schedule design criteria and specification requirements?

AE: Yes, that is correct. this project is fully open given they meet the schedule design criteria and specification requirements.

Question 48:

Drawings S-109 and S-111 reference a fall restraint system. Can you provide the spec section 11 01 50 for the fall protection shown on S-109.

AE-Pending response

Question 49:

Print EP701 Keynote 26.16.01 "METERS AND SUBMETERS MUST BE COMPATIBLE WITH UTILITY MONITORING CONTROLS SYSTEM AND MUST UTILIZE BACKNET COMMUNICATION PROTOCOL SEE SPECIFICATIONS FOR ADDITION REQUIREMENTS." Is there a specific brand and model that needs to be used to meet these requirements? I did not see any listed in Specs.

AE: There is no specific brand or model listed in the specifications for the BACnet enabled meters. However, the meters and submeters must be compatible with the existing Johnson Control Inc (JCI) Metasys UMCS system and must utilize the BACnet communication protocol.

Please refer to specification number 25 10 10, titled "UTILITY MONITORING AND CONTROL SYSTEM (UMCS) FRONT END AND INTEGRATION" for additional requirements and guidelines.

Question 50:

Who is responsible for providing the BACnet enabled meters for the switchgear and distribution panelboards?

AE: The Contractor is responsible for providing the BACnet enabled meters for the switchgear and distribution panelboards.

Please refer to specification number 25 10 10, titled "UTILITY MONITORING AND CONTROL SYSTEM (UMCS) FRONT END AND INTEGRATION" for additional requirements and guidelines.

Question 51:

Page 2 of specs section 12 50 00.13 references a furniture, Fixtures, and equipment package. If the GC is responsible for the FF&E please provide.

GOV: There is no FF&E line in this Contract

Question 52:

I-605 Detail G16 reflects a Pop-Up Cover within the Floor Striping. However, this location and cover isn't reflected anywhere within the scope. Please confirm the location of this cover and its purpose.

AE: Upon further review, this detail, G16, is no longer applicable.

Question 53:

The attached specification 08 34 16 issued in Addendum 2 is not a Vertical Lift Fabric Door specification per the Basis of Design Manufacturer.

Please confirm with the A/E if the intent is to furnish and install a Corrosion Control Hangar Door per UFGS 08 34 16 or a Vertical Lift Fabric Door per UFGS 08 34 16.20?

AE: Specification 08 34 16 will be retracted, and specification 08 36 16.20 will be used for the Vertical Lift Fabric Hangar Door. See attached