Question 29: M-101. The Equipment Schedule notes equipment to be Gov Furnished/Contractor Installed. To properly price and accommodate equipment needs, please provide Specifications and Installation instructions for the following items: Glass Bead Blaster, Plastic Media Blaster, Oven, Power Slip Roller, Power Brake, Power Shear, Do-All Bandsaw.

Answer: There are no equipment schedules on Sheet M-101.

Question 30: Please verify grout or 4500psi NW concrete is required at the hangar door rail block out per A1/S-511

Answer: The hangar door rail blockout second pour indicated on A1/S-511 shall be made with 4500 psi concrete.

Question 31: Will there be any designated trailer, laydown, or storage areas to be used for this project? If so, where would they be located?

Answer: Please refer to sheet C-002 ‘Construction Plan’ for location of contractor staging/laydown area.

Question 32: Will the small business plan need to be submitted with the hard copies and burned on to a CD on bid day? Or could that information be emailed to the team?

Answer: The Small Business Participation Plan is required be submitted in one original copy and two hard copies. See Section 00110 paragraph 2. 1.3. An electronic copy is also required on CD/DVD in accordance with paragraph 2.1.1. Refer to Amendment 0002 for latest updates on this paragraph.

Question 33: Spec - 083613. The Sectional Door spec calls for the exterior face steel sheet thickness to be 0.064" (16ga.) with R-12 insulation foamed in place. The industry standard is a 20 ga. Steel sheet with an R-17 foamed in place insulation. Please confirm this is acceptable in addition to the 16 gauge, R-12 as specified.

Answer: Provide Sectional Doors as specified.

Question 34: Section 0110, 2.5.1.4. The proposal schedule (also included in Exhibit H) is asking for a lot of detailed information at the time of the bid. A lot of this information is not available until minutes before the bid is submitted. In order to provide the best value to the Gov’t, can the solicitation contract form (00010) be submitted with the bid, and Exhibit H be submitted two hours after the bid. There would be no advantage to any bidders as the pricing would be locked in on the solicitation contract form at bid time, but it would give offerors time to complete the detailed breakdown requested after the subcontractor and vendor prices are received. It is typical to see a detailed pricing breakdown due after the bid deadline (to give offerors time to provide the proper accounting).

Answer: All proposals shall be submitted by the date and time specified in the solicitation. See Section 00100 paragraph 5. Also, see Amendment 0002 Section 00110 paragraph 2 for latest requirements of proposal submission.
Question 35: Section 120. Section 1.5 states to ensure no pricing information is shown in Tech Volumes 2 or 3. Section 2.5.4.1 says to use Exhibit F for Volume 3. Exhibit F, Part B is asking for the offeror to fill in dollar values for Large vs. Small Business participation. Please confirm if these dollar values should be left blank per the instructions in 1.5 of 00120.

Answer: Dollar values in Exhibit F must be fully completed. The pricing information described in Section 00120 paragraph 1.5 refers to pricing information required in Volume 1.

Question 36: Section 01000, Section 14.1 references a contractor’s designated on-site parking area. There is a laydown yard shown on C-002 for materials, but no parking. Is the contractor to use the two existing lots north of the simulator building for laydown and/or parking, or is there more temporary parking for workers available on base?

Answer: Contractor shall utilize the laydown area, as shown on sheet C-002, or the project site for on-site parking.

Question 37: Section 011000, 1.5. Please confirm that Personal Property items are to be Gov’t Furnished, Gov’t Installed.

Answer: Items furnished by the government (personal property [PP]) are to be 'incorporated into the Contractors work' which is to be installed by the GC.

Question 38: Section 011416, 1.5.B. This section reads all site access must be through a security gate. Detail A2 on C-002 appears to show site access directly from the North along 1st Flight Drive. There is no current access to the site from this location. Is the contractor to create an opening in the fence line and add a security trailer and temporary road? Who will provide the security guard for vetting workers access (the contractor or the gov’t)?

Answer: An opening in the fence and a temporary road have been constructed under a separate project, allowing for construction vehicle access on to the installation. Security at the construction entrance will be provided by the North Carolina Air National Guard (NCANG). Further clarification will be provided by local NCANG installation POC’s at project kick off meeting.

Question 39: Section 013100, 1.4.A. The specs are calling for coordination drawings. The drawings issued have title blocks that indicate that the drawings were created in BIM 360 in a native Revit format. Please confirm if the Revit model can be provided to the contractor after award for coordination modeling.

Answer: BIM model is not available. CAD files of the project drawings will be provided to the contractor in accordance with Specification Section 01 33 00, Section 1.3.B.
Question 40: Section 015000, 2.1.A. Can temporary fence posts be driven into soil (in lieu of using concrete bases)?

Answer: Concrete blocks are to be used for all fence posts associated with the temporary construction fencing.

Question 41: Section 015000, Section 2.2.B calls for a fully furnished Gov’t field office. Specification 01 10 00, 1.3.D notes that a Gov’t field office is not required. Please confirm if the contractor is to provide the Gov’t field office in 2.2.B.

Answer: Specification Section 01 10 00, 1.3.D does not refer to government field office. It states 'temporary office swing space' of which it states it is not required. Specification Section 01 50 00, Section 2.2.B is correct and shall be provided as defined.

Question 42: Section 230923, 3.9.C. Please confirm the two year warranty on the direct digital controls is provided by the installer and/or manufacturer of the system (for the parts and labor as noted).

Answer: Provide a 2-year warranty parts and labor as specified in documents, including calibration and adjustment of system.

Question 43: The RFP does not indicate if there will be a time period between Notice of Award and Notice to Proceed. Please indicate if there will be a time period between Notice of Award and Notice to Proceed, and if so, the anticipated length of that time period. We typically use that time period to start critical project start-up submittals including QC Plans, Environmental Plans, Waste Management Plans, Safety Plans, etc.

Answer: See clause 52.211-10 which states that the contractor shall be required to commence work under this contract within 30 calendar days after the date the contractor receives the Notice to Proceed.

Question 44: A-602. The finish schedule calls for a "SC-1" sealed concrete in many rooms throughout the project. The material legend on A-601 gives specific product details for every other flooring type except SC-1. Please provide details on the SC-1 concrete sealer (Mfr, Color, etc).

Answer: Refer to specification section 03 30 00 - CAST-IN-PLACE CONCRETE, Paragraph 2.8, A for sealed concrete requirements.

Question 45: C-505 and C-506. Construction Joint Detail – two types of bars specified - #4 bar on C-505 and 1” smooth bar dowel on C-506. Is it supposed to be a tied construction joint or load transferred doweled construction joint?

Answer: Construction joints located within the aircraft apron shall be constructed per detail 3 on sheet C-506. Construction joints located outside of the apron shall be installed per detail 4 on sheet C-505.

Question 46: CS102. The joint plan on CS-102 line "D" calls for Doweled Butt Joint. Please provide a detail for this joint.

Answer: Provide doweled butt joint per detail 3 on sheet C-506.
Question 47: CU-101. Please provide a detail and/or manufacturer for the 5,000 gallon double-walled underground storage tank called out at key note number 21.

Answer: Refer to specification 23 13 13 FACILITY UNDERGROUND STORAGE TANK for detail required of underground storage tank. Per paragraph 1.3.B of specification 23 13 13, provide shop drawings of underground tank for review and approval.

Question 48: S-504. Detail C1 on S-504 notes to shore cantilevers but does not indicate a distance. Are we to assume any cantilevers over 12" should be shored?

Answer: Per note 3 on C1/S-504, cantilevers over 6" shall be shored until concrete has attained 3000 psi compressive strength.

Question 49: Please confirm Exhibit A Part 1 & 2 should be included in Volume 2 - Part 1, Sub-factor 1, sub-element 1 and Volume 2 - Part 2 is to be no more than 3 pages for each project.

Answer: See Section 00110 paragraph 2.5.3.1 which states that Volume 2 includes the offeror's Past Performance Relevancy Questionnaire, Exhibit A Parts 1 and 2, etc. In accordance with Section 00110 paragraph 2.5.2.2.1.5, the Gov intends to use Exhibit A Part 1 information in the evaluation of demonstrated experience for Sub-factor 1, sub-element 1. Per Section 00110 paragraph 2.5.2.2, projects submitted under sub-factor 1, sub-element 1, demonstrated experience, are limited to 3 single pages for each project.

Question 50: Section 00110 -2.5.2.2. Section 2.5.2.2 states, projects submitted under Demonstrated Experience are limited to 3 single pages for each project. Please confirm this does not include Part 2 of Exhibit A.

Answer: In accordance with Section 00110 paragraph 2.5.2.2.1.5, the Gov intends to use Exhibit A Part 1 information in the evaluation of demonstrated experience for Sub-factor 1, sub-element 1. Per Section 00110 paragraph 2.5.2.2, projects submitted under sub-factor 1, sub-element 1, demonstrated experience, are limited to 3 single pages for each project.

Question 51: 08 36 20. Please confirm that a 3 button station is required for the sliding hangar doors.

Answer: Provide 3 button control box as specified and locate as indicated on drawing A2/A-704.

Question 52: 08 36 20. Please confirm that the Photoelectric Sensor in section 2.5.D.1 is required for the sliding hangar doors.

Answer: Yes, provide Photoelectric Sensor as specified.

Question 53: 08 36 20 Please clarify if section 08 04 00 - Blast Resistance is applicable to the section 08 36 20 - Hangar Doors. If not, please clarify what blast resistance is required for the hangar door system.

Answer: The hangar is classified as Low Occupancy, therefore exempt from UFC 4-010-01 requirements.
Question 54: 01 10 00. Section 1.8.H reads that the Contractor is responsible for Permit and Tapping Fees (Both temporary and final hook-up) for utilities. This is also mentioned in 01 50 00 1.3.D. Please confirm if the Authority Having Jurisdiction for this project is the City of Charlotte. In addition, please confirm the contractor is to pay the tap and capacity fees for the temporary and permanent utilities as this is a substantial project cost.

Answer: The following is the list of AHJs for each utility service:

- Water & Sewer: North Carolina Air National Guard
- Natural Gas: Piedmont Natural Gas.
- Electricity: Duke Power
- Telephone/Internet: North Carolina Air National Guard

Yes, provide in accordance with 01 10 00, 1.8.H and coordinate with AHJ on all applicable permit fees.

Question 55: 01 81 13. Please confirm the contractor is responsible for paying all LEED Registration fees and for obtaining the project certificates/plaques at project completion.

Answer: Yes as stated in Specification Section 01 81 13 - SUSTAINABLE DESIGN REQUIREMENTS, Section 1.1.A

Question 56: Are the prime contractors to include builder’s risk insurance in the base price?

Answer: See clause 52.228-1 and also section 01000 paragraph 1 for insurance requirements.

Question 57: Door types show sectional doors to have one row of full view glass while the elevation drawings page A-201 doesn’t show glass. Do sectional doors require any glazing? Are sectional overhead doors manufactured by Clopay Building Products acceptable for use on project provided they meet or exceed the specified products? Paragraph 2.12 A calls for a baked enamel or a powder coat finish. Do they want the manufacturer’s standard baked enamel finish or the optional powder coat finish available in 180 color choices?

Answer: Provide Windows in sectional overhead doors as indicated on B1/A-604 and specification section 08 36 13 - SECTIONAL DOORS, Paragraph 2.3,H. Provide Sectional Doors from an approved manufacturer as specified. For substitutions, see Section 01 60 00 paragraph 2. Contracting Officer will consider requests for substitution if received within 60 days after the Notice to Proceed. Proposals shall be based on the contract plans and specifications as posted. After award, the awarded General Contractor (GC) may submit a substitution request, but only per the substitution request process as defined in the Division 1 Specification Section (01 60 00) describing that process. Both finishes are acceptable. Provide Manufactures standard of either finish.

Question 58: 083323 – Overhead Coiling Doors. Are products manufactured by Cornell/Cookson acceptable for use on project provided they meet or exceed the specified products? Paragraph 2.3 H calls for bottom bar and guides to be galvanized and finished to match curtain. Unfortunately, a finish will not adhere to the type of galvanizing used on these components. Please address how we should
deal with this conflict in the spec. Paragraph 3.5 calls for maintenance service which will add a lot of cost for the owner. Is it required on this project?

Answer: Provide Overhead Coiling Doors from an approved manufacturer as specified. For substitutions, see Section 01 60 00 paragraph 2. Contracting Officer will consider requests for substitution if received within 60 days after the Notice to Proceed. Proposals shall be based on the contract plans and specifications as posted. After award, the awarded General Contractor (GC) may submit a substitution request, but only per the substitution request process as defined in the Division 1 Specification Section (01 60 00) describing that process. Provide finish as specified. Provide Maintenance service as specified.