

FA481921R0037 GATR B15/29 Consolidate/Replacement RFI Log List

No.	Question	Answer
1	The Appendix A Para. 1.3.3 Lighting para. C states "Wildlife Preservation Lighting for all lighting for Tyndall AFB southwest of	Wildlife preservation lighting (aka Turtle Lighting) is not required on this project.
2	indicated to be 24" x 24" x 6" D enclosures. The existing enclosures on existing Bldg. 15 and the towers are Hinged	Any exterior boxes need not match those installed on Building 15.
3	The photo in Figure 2-4 on the plans of the new "Power Junction Box" (disconnect) enclosure appears to be Nema 3R steel painted enclosure. Please clarify the enclosure requirement, whether it is Nema-3R or Nema-4X stainless steel.	Electrical enclosures are expected to meet the UFC's and be suitable for their intended location and conditions found at the site.
4	The PSA Sketch 1 on sheet 4 indicates #2/0 AWG Stranded Bare Copper underground counterpoise around the perimeter of the building with (6) 3/4" x 10' ground rods. Note 2 states that "10 ohms or less, preferably 5 ohms or less" resistance to ground is required. The grounding layout indicated does not appear to be adequate to achieve 10 ohms resistance. If 10 ohms is not achieved with the grounding indicated will additional ground rods be installed at the contractor's expense, or will the government issue a modification to the contract to add additional grounding? Also, will chemical treatment at the 10' deep ground rods be allowed to achieve the specified level of resistance?	The contractor is expected to install a system that will meet the 10 Ohm resistance requirement, (5 Ohms preferred). No additional compensation is to be provided if the original installation is insufficient. Contractor is expected to meet the requirement. Any chemicals used will need to meet the requirements as found in SOW and UFC's. (i.e. Hazmat, and environmental)
5	Is a rooftop Lightning Protection System required for the new Building 29?	The new building is required to meet the UFC's specified.
6	Gulf Coast Electric Cooperative performs the primary electrical distribution work at Tyndall AFB. There is an existing small pad-mounted transformer that will not be adequate for the load of this new facility. Will GCEC replace the existing transformer with a larger transformer, or will a new primary transformer placed	A final decision on whether a new transformer will be installed or the existing transformer will be upgraded is still being discussed. Sufficient power will be available for the building at the present transformer, or a similar location.
7	PSA Sketch1 drawing indicates an arrow from the power raceway above the racks "To UPS Power". This is the only place we find	A UPS system is not required on this contract.
8	Appendix A Para. 1.3.11 Fire Alarm System. A fire Alarm and Mass Notification System is not mentioned in the Tasks. Will a new fire alarm mass notification system be required for the building?	Building is required to meet UFC's and IoT (Installation of the Future) design requirements, including facility and fire monitoring.
9	The SOW does not specify a building type (Masonry, PEMB, etc). The existing Building 15 onsite is a masonry structure with metal roof and fascia. Does the base need the new building to match bldg. 15 or is a PEMB acceptable as long as it meets the Miami Dade Cat 3 criteria?	Building must meet all required UFC's including architectural and Installation of the Future Guidelines.
10	Please confirm that the new building will have no windows, but will only have openings as shown on the drawings on Appendix B.	Building must meet all required UFC's including architectural and Installation of the Future Guidelines.
11	Appendix A, Summary of Work, 2.4, Task 4 says to repave the existing road and to add a parking lot. Are any sidewalks required?	There are no sidewalks required on this project.
12	Fire Alarm & Fire Suppression Required?	The new building is required to meet the UFC's specified including alarm and fire sections.

13	<p>What are the interior finish requirements?</p> <p>a. Flooring? Sealed concrete, or something else?</p> <p>b. Exposed CMU walls or PEMB Insulation, or drywall? Contractor assumes exposed CMU or drywall, if used, would be painted.</p> <p>c. Acoustic Ceilings or exposed to deck?</p>	<p>Building must meet all required UFC's including architectural and Installation of the Future Guidelines.</p>
14	<p>Interior or exterior signage required?</p>	<p>Signage is required per SOW during construction with required legal information, contact information, etc.</p>
15	<p>Rain gutter and downspouts with splash blocks required?</p>	<p>Yes</p>
16	<p>No pictures were allowed to be taken at the project site. Will the contractor need an escort during this project?</p>	<p>Contractors will not need an escort. They will need to contact the tower when transitioning through the ILS critical zone, and all personnel working on base will need to pass the checks required for base access.</p>
17	<p>Will any flight line training or radio requirements be needed for this project?</p>	<p>No flight line training or radios are required. The tower is to be contacted by phone when transitioning through the ILS critical area. Requirements to keep trash contained/FOD (Foreign Object Debris) under control are in the SOW and will be monitored.</p>
18	<p>Section L of the solicitation requires the contractor to provide qualifications an Archeologist who will be present for excavations. Please confirm that the contractor is required to employ an Archaeologist.</p>	<p>An archeologist is required for excavations.</p>
19	<p>In the appendix B drawing, there's mention of a "generator room", indicated as typically 16'x12' in the appendix B drawing. But in appendix A it is called a generator shelter, with 80kw generator.</p> <p>Could it be an exterior prepackaged generator unit, or does the base want an actual 16x12 structure?</p>	<p>The generator needs to meet the architectural "Installation of the Future" and maintainability requirements. A structure is required.</p>
20	<p>The requirement of maintaining the 10% relative humidity is not possible using standard air conditioning systems because the coils will ice up and not be able to operate. The HVAC system would have to include a chemical phase change which is very specialized, complicated, and expensive to purchase and operate the piece of equipment.</p> <p>Can the requirements to maintain the space temperature between 50°F to 140°F as desired and space relative humidity level between 10% to 80% as desired be changed?</p> <p>The relative humidity level requirements is the driving factor as to how specialized the piece of equipment will have to be.</p>	<p>The temperature and humidity requirements are called out to create an environment that is needed for the electronics. These requirements need to be met.</p>