

Questions and Answers

Q.1: I was confirming per the drawings the contractor is to provide all 4 30 kva UPS systems as shown on drawings?

A.1: Yes.

Q.2: Would you be able to confirm whether a battery monitoring system is a requirement?

A.2: Yes.

Q.3: UPS 480/280 – Can the UPS's be 480/480 Volts with the transformers relocated into the building with the panel boards?

A.3: No, UPS is 480/208 Volts.

Q.4: 30 Kva transformer for AC units - we suggest they remove and we provide 480 HVAC system, plus a small transformer (1-5 Kva) for lighting. Need to add 2 breakers in dist panel for 2 AC units – (2) 25-30 Amp breakers.

A.4: Bid using the 30KVA transformer for AC units.

Q.5: Fire Suppression – nothing stated. What is required? Fire extinguisher or system tied to building system? If integrated with other system, need to know brand and model.

A.5: No fire suppression required.

Q.6: How do they intend to monitor the HVAC? (EMP provided with UPS can measure temp and humidity and send alarms). Can set EMP to go off at a certain temp.

A.6: HVAC monitoring is via Siemens. UPS enclosure will be temperature monitored, see drawing E3 and Specifications.

Q.7: Can the UPS enclosure 12ft wide in lieu of 10ft wide?

A.7: No.

Q.8: Can you have peaked rood [sic] instead of shed roof on container? Can do either.

A.8: Peaked or Shed roof is acceptable.

Q.9: Can the A/C units be roof-mounted if necessary?

A.9: No.

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Q.10: Regarding the use of an existing Cell Watch system for battery monitoring, please provide:

- Physical location of Cell Watch iBMU
- Current version of Cell Watch (has it been upgraded to Version 4)

A.10: Physical Location: DC Plant and Existing 9330 UPS Systems located in B4824 building. Current Version of Cell Watch is 2.5.

Q.11: What are the requirements for entering and exiting the container? Are 2 doors required? What are the security requirements for the building? Who would provide the security system?

A.11: One door is required, security requirements are already met. Also see Specifications.

Q.12: For Cell Watch, there must be a separate conduit (form the power) for data.

A.12: See Drawings E-3, and Specifications.

Q.13: The input to the container building appears to be in one conduit. This presents a single point of failure if that line is damaged.

A.13: Correct.

Q.14: Plans page 6 of 15 states a skid mounted pre-fabricated building, Specs section # 13 34 19 describes onsite assembly of metal enclosure. Which type of building is required?

A.14: The type of building required is whichever building is call out in the specifications.

Q.15: LED lighting for efficiency. Maybe 100W total – these could be on the UPS output.

A.15: LED Lighting is acceptable.

Q.16 Emergency exit lighting. Standard.

A.16: Reference the Specs for Emergency exit lighting standard, and comply with NFPA 70/NEC standards.

Q.17: Will clearance be given to walk in the bids for the Repair Communication Building 4824 project?

A.17: Access to hand delivered bids requires submittal of an AFRC visit request form 10735 no later than three (3) business days prior to the scheduled bid opening. Submit completed form to Jenny Staggs at jenny.y.staggs@nasa.gov. As a reminder to all bidders, delays caused by traffic or access to the base are not excusable reasons for receipt of a late bid.

Q.18: Are we incorporate our EDWOSB certification within the bid documents?

A.18: No, but bidders are required to comply with the EDWOSB certification requirements.