

Questions:

1. "Please confirm if the existing T-bar ceiling at B4720-RM104 and 4982-RM102 is to remain or remove/replace."

Answer: The removal and replacement of the t-bar ceiling in B4720 RM 104 and B4982 RM 102 is not included in the scope of the project."

2. On Sheet T2, General Note 15 states "All utility outages must be scheduled a minimum of 14 days in advance with the contracting officer. Outages must be scheduled for after normal operating hours, weekends, or holidays". On Sheet E1, General Note 23 states "All outages shall be coordinated and scheduled with the contracting officer at least (3) weeks in advance of requested outage in writing. Contractor shall be responsible for providing generator support for scheduled electrical outage due to construction contract work". In reviewing the work, in every instance, the building being remodeled will have very little electrical infrastructure intact. Are we supposed to provide generators for the few panels that are not being replaced in the contract?

Answer: Yes contractor to provide generator, please see drawing E-1, note 23. Government requires 3 week notice for outages.

3. On Sheet E2, the 400kw 480V generator in Room 111 has a hand written note "Removed and not replaced". The fuel tank outdoors has note (2) "Existing equipment to remain", but also has a written note "Removed and not replaced". On the one-line for this building on Sheet E5, the (New) Diesel generator and the transfer switch are crossed out and has hand written note of "NO!!" On the plan view of the revitalized building on Sheet E4, the generator has a hand written note "NO!! Generator" and the fuel tank is noted "No fuel tank". It seems clear that we are to remove the generator and fuel tank and not install a new generator. Should conduit runs [(14)] which connect the generator to the ATS and then to the Distribution section of MSB, the 2" control conduit from the ATS to the generator electrical panel via a (N) communication pull box, and the (N) communication pull box all be deleted? If so, should the (N) generator annunciator panel with a 1" conduit to the generator control panel also be deleted?

Answer: Generator and ATS to be removed and replaced. Disregard all handwritten notes.

4. On Sheet E6, the 250A CB on the East wall of Room 103 is noted as (3), "Disconnect and remove electrical equipment. Remove feeder conductors and conduit back to supply panel." On Sheet E8, this same 250A CB is noted as (E). Does this circuit breaker and the associated feeder get removed or not?

Answer: Circuit Breaker remains.

5. On Sheet E6, the Disconnect (Panels A, B, C) is noted as (3), "Disconnect and remove electrical equipment. Remove feeder conductors and conduit back to supply panel." On Sheet E8, this same disconnect is noted as (E). On Sheet E10, panels A, B, and C all connect directly to new SWBD "PH". Should the disconnect shown on Sheets E6 and E8 be removed?

Answer: The disconnect is the conduit and conductors, note on the single line that panels A,B,C,D are re-fed from the new switch board, the notes on E10 call out the conduit and wire.

6. On Sheet E2, Workroom 113, the lighting fixtures are noted as (4), "Disconnect and remove light fixtures". On Sheet E4, this same area is noted as [(1)], "Option 5, Provide new 2' x 2' recessed LED light fixtures in Room 113". Does this mean that the base bid should figure re-installing the old fixtures in the room? **Answer: Yes**
7. On sheet E6, Rooms 101, 104, 106, and 107 are noted (4), "Disconnect and remove existing light fixtures". On Sheet E9, these same areas are noted [(1)], "Option 5, Provide new 2' x 2' recessed LED light fixtures in room". Does this mean that the base bid should figure re-installing the old fixtures in the room? **Answer: Yes**
8. On Sheet E6, Utility room 105 has no notation about lighting fixtures being removed. On Sheet E9, two new lighting fixtures are shown. Should the existing lights in Utility room 105 be treated as the fixtures in Rooms 101, 104, 106, and 107? **Answer: Yes**
9. On Sheet E6, the Fuel tank is noted as (2) "Existing equipment to remain". The generator and ATS are noted as (3) "Disconnect and remove electrical equipment", and has a hand written note "No Generator". On Sheet E10, the single line has a hand written note "Nope" and scratches through the generator and ATS symbols. On the plan view on Sheet E8, there are no indications about the generator or ATS not being installed. Are the existing generator and ATS being removed and replaced, not removed and used as is, or removed and not replaced? Should the conduit runs associated with this equipment, [(19)] and the 2" communication, be installed or not? Should the new ground rod and wire at the generator be provided? Should the 1" conduit associated with the new generator annunciation panel [(8)], and the panel itself be deleted as well? **Answer: Generator and ATS to be removed and replaced. Disregard all handwritten notes.**
10. On Sheet E12, note (3) for Option 2, Electrical Bore Site B4981, says "See contracting officer for demolition and replacement instructions". Can we get those instructions now so we might better know the value of the work for our bid?
Answer: Instruction are to keep equipment for re-install.
11. Are the building occupied during the construction?
Answer: Please see Specification, Section 01 14 00, 1.2.3

12. What are the construction hours? Answer: Normal duty hours for the Armstrong Flight Research Center are from 6:00 am to 5:00 pm, Monday through Friday excluding holidays, however the center works 9/80 schedule, where the center is shut down every other Friday off.

13. Will the existing equipment remain in the buildings? Answer: Only equipment that is not being demolished.

14. Is the concrete pad for 4720 UPS building also getting demolished? Answer: No

15. Who will remove and relocate existing equipment, such as UPS and batteries? Answer: Contractor

16. We would be very interested in knowing more about the UPS systems that you are replacing and what vendor is currently supplying them and the specs on the units. The back-up time that is being requesting is fairly long however can be accomplished given the proper amount of space If this information could be provided it would allow us to better present our recommendation for an Intellipower system. Answer: The existing UPS is called out on the drawings, please refer to the drawings.

17. Page E5, Bldg. single line: Are we to assume that the hand written notes (and on other pages) are to be followed?

Answer: The hand written notes are to be disregarded.

18. Can all 4 sites be worked concurrently?

Answer: No, Project Schedule must work within/around mission requirements.