



DEPARTMENT OF THE AIR FORCE
AIR FORCE SUSTAINMENT CENTER (AFMC)
HILL AIR FORCE BASE UTAH

7 April 2021

MEMORANDUM FOR RECORD

FROM: OL:H/PZIOC
Air Force Sustainment Center (AFMC)
6038 Aspen Ave
Hill AFB, Utah 84056

SUBJECT: Request for Information (RFI) for MACC III 21-1033268, Bldg. 591 ADDITION / ALTERATION.

1. The purpose of this memorandum is to document all RFIs and answers for MACC III 21-1033268, Bldg. 591 ADDITION / ALTERATION.
2. In the garage area they is the NIC there is a 480 volt panel "H" being fed from a 1" conduit from the existing building but there is nothing in the plans to indicate this needs to be refed. Please advise
 - a. If there are any panel H 277/480V circuits utilized, they will need to be converted to 120/208V.
3. Could we get the as-built drawings on the fire suppression?
 - a. I could not find any as-built drawings on the fire suppression. I did find the drawings Sheets Fire Alarm Plan (FA101) and Fire Sprinkler Riser Schematic (FX101).
4. Could we get photos of the north and west sides of the building and laydown area?
 - a. Please see attached photos (Lay Down Area).
5. Sheet ES101 Note 1 states 2-4" conduits. Detail states 5" conduit please clarify conduit size.
 - a. Use 5" conduits.
6. Sheet ES101 Note 1 also states the size of the medium voltage cables, please clarify that we are required to pull a ground in as stated.
 - a. No ground conductor is required.
7. EP601 1 line does not show us picking up any existing loads/panels. We noticed on the job walk that in the area that shows NO WORK, there is an existing 120/208V Panel and a 480V

panel as well. Please clarify.

a. Connect the existing 102/208V panel to the spare 100/3 circuit breaker in new MDP. If there are any panel H 277/480V circuits utilized they will need to be converted to 120/208V.

8. Please clarify if there any existing 480V equipment that needs to be modified since the new design is only 208V.

a. There are no known 480V equipment requirements.

9. It appears that the new medium voltage run is to be installed out in the road. Are we to concrete incase the conduit?

a. Correct, concrete encase.

10. Please clarify electrical load information on AHU. I see information in 3 different locations and it is all different. MH602 show a MCA of 64 other are around 20

a. Verify the AHU MOCP requirements with unit nameplate MOCP requirements with the equipment submittal.

11. There is a 1-1/2" gal water line feeding the building. Do you want us just to connect onto the 1-1/2" with the new 2" line or do you want us to upsize the underground 1-1/2" to 2" also?

a. It was the intention to use the existing service.

12. PL401 note 1. Our guess is as good as your guess. Will this be a change order if the sewer line is not running as shown on the drawing to run a new line to the nearest manhole or sewer line?

a. During the design Stantec requested many times to try and get the existing line information and or have the lines scoped. The base could not provide either. Per note # 1 on PL-401 the contractor is required to do the scoping/investigation work to determine where the line is. The intent is that the contractor could tie into the existing and not need a new lateral, but the condition just isn't known.



KEYED NOTES

- 1 LOCATION OF EXISTING BELOW GRADE WASTE LINE IS ASSUMED FROM ABOVE SLAB OBSERVATIONS. EXISTING PLUMBING DRAWINGS ARE NOT AVAILABLE. LOCATION AND SIZE OF EXISTING WASTE LINE TO BE FIELD VERIFIED BY CONTRACTOR. CONTRACTOR TO SCOPE AND CAMERA THE LINE TO VERIFY EXISTING LOCATION. CONTRACTOR TO ADJUST NEW PIPING AS REQUIRED TO CONNECT TO EXISTING.

13. PL101 note #7, are you wanting a line ran to the catch basin or the roof drain just pointing at the catch basin?

- a. The roof drain will just discharge directly on the existing asphalt.

14. Will the FF&E shown on Sheet IF101 need to be provided by Contractor?

- a. The furniture shown on Sheet IF101 was for reference and coordination. Much of it is based on the existing furniture size as SMSgt Pantone expressed that he thought the existing furniture was good enough to be reused. CE decision if new FF&E will be provided.

15. Is the Governments intent to remove and reuse any ceiling tiles, light fixtures, Fire Alarm Panels, devices, etc.?

- a. All ceiling tiles were noted to be removed (and not reused). Refer to electrical plans for reused or new lighting.

16. Sheet ES101 and C100 refers to "CLP" transformer. Is this (NIC) and to be provided by CLP? Please elaborate CLP's scope of work that is (NIC).

- a. The new transformer is part of the project, provided by CLP.

17. Sheet A401 Sheet Notes; who is responsible to provide the metal lockers, benches, and appliances?

- a. All items are to be provided by contractor except those noted as OF/OI (Owner Furnished/Owner Installed).

SHEET NOTES	
05.01	ROOF ACCESS LADDER
07.01	ROOF HATCH
10.02	METAL LOCKERS
10.04	ADA LOCKER ROOM BENCH
11.01	VENDING MACHINE - BEVERAGE (NIC) - OF/OI
11.02	RESIDENTIAL APPLIANCES - MICROWAVE - OF/OI
11.03	RESIDENTIAL APPLIANCES - ELECTRIC STOVE & OVEN - OF/OI
11.04	RESIDENTIAL APPLIANCES - REFRIGERATOR - OF/OI
12.02	SOLID SURFACE COUNTERTOP WITH BACKSPLASH (SS-1)
12.03	PLASTIC LAMINATE FACED CASEWORK (CW-1)
22.02	ELECTRIC DRINKING FOUNTAIN - RE: PLUMBING
22.03	UTILITY SINK - RE: PLUMBING

18. Sheet ES101 Note 1 states 2-4" conduits. Detail states 5" conduit please clarify conduit size.

a. Use 5" conduits.

19. Note 1 also states the size of the medium voltage cables, please clarify that we are required to pull a ground in as stated.

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20. EP601 1 line does not show us picking up any existing loads/panels. We noticed on the job walk that in the area that shows NO WORK, there is a existing 120/208V Panel and a 480V panel as well. Please clarify.

a. Connect the existing 102/208V panel to the spare 100/3 circuit breaker in new MDP. If there are any panel H 277/480V circuits utilized they will need to be converted to 120/208V.

21. Please clarify if there any existing 480V equipment that needs to be modified since the new design is only 208V.

a. The are no known 480V equipment requirements.

22. It appears that the new medium voltage run is to be installed out in the road. Are we to concrete incase the conduit?

a. Correct, concrete encased.

23. Please clarify electrical load information on AHU. I see information in 3 different locations and it is all different. MH602 show a MCA of 64 other are around 20.

a. Verify the AHU MOCP requirements with unit nameplate MOCP requirements with the equipment submittals.

24. Do you want the water line feeding building 591 replaced?

a. is an option for the base. As per #11 it was the intention to use the existing service.

25. Do you want underground roof drain pipe to connect to the underground catch basin pipe?

a. the roof drain should penetrate the wall 18" above grade and discharge to the existing asphalt.

26. Spec sections 02 41 00 and 02 42 51 stipulate some fairly stringent recycling requirements for the project. With regard to all of the metal recycling, it has generally been standard practice for the government to provide a metal container so that all scrap metal can be returned to the government. However, these specs indicate that all scrap shall be the property of the contractor. Please confirm. Furthermore, Spec section 02 42 51 stipulates carpet recycling that is not available locally, and therefore will be a significant cost. Please confirm that the government truly desires this carpet recycling procedure.

a. The contractor would have to provide the C&D Waste Diversion Report to ensure they are following proper procedure and guidelines for recycling.

b. Environmental: We currently don't have any recyclers that will take carpet, so unfortunately that will have to be landfilled. Contract specifies that all of the recycled metal belongs to the contractor and will have to manage it (get their own container etc.). Of course if they would like to give the metal to the base qualified recycling program, we would be happy to provide a container and manage the recyclables. We can handle just about any size project. The metal should be free of other contaminants or debris (e.g., no sheetrock, wood, or other construction debris). If there is a significant amount of a particular kind of metal, we would like it segregated (e.g., copper pipe, aluminum, etc.) we can work with the contractor on providing separate bins for different metals.

26. If there are any questions or concerns, please contact 1st Lt Jaime Arias at jaime.arias.2@us.af.mil or Marc Mattsson at marc.mattsson@us.af.mil.

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