

NKAK 20-1032 Repair (SUS) Replace Natural Gas Components
Questions and Answers
23 Sep 2024

1. (General Question) Please advise that Little Rock AFB will be responsible for turning off the gas-fired equipment at each building, prior to the removal and replacement of the service lines, and re-firing this equipment upon completion of the service re-piping.

Answer: LRAFB CE will be responsible for turning off and restarting equipment during work. They shall be notified 2 weeks before work commences. Contractor shall provide temporary heat for each building being worked on to maintain 65F to 70F from November to April.

2. (Plan Page P3.06, Detail #6) The natural gas work for Building 860 is currently contracted for Comfort Systems USA to add a new gas meter for the building during its' renovation. Please advise that a new meter will not be required under the scope of NKAK 20-1032.

Answer: A new gas meter will be installed at B860 as part of this project.

3. (Plan Page P4.01) Plan page P4.01 mentions that a 1" meter is required for B732. There is no detail found in the plan pages for this project. Please advise if this meter will be required to be changed...

Answer: This meter will be replaced. The detail is not found in the drawings. View detail for B731 as they are similar. A picture will be provided.

4. (Plan Pages P3.07 and P4.01) Plan page P3.07, Detail #5 appears to show a new 1-1/4" meter required in the line drawing, but the photo in that detail shows that the meter will be re-used. Plan page P401 shows that B1024 requires a new 1-1/4" meter. Please verify whether or not a meter is required for B1024...

Answer: A new meter is not required for B1024.

5. (Plan Page P4.01) Plan page P4.01 mentions that a 1" meter is required for B732. There is no detail found in the plan pages for this project. Please advise if this meter will be required to be changed...

Answer: Refer to #3.

6. (Plan Pages P3.07 and P4.01) Plan page P3.07, Detail #5 appears to show a new 1-1/4" meter required in the line drawing, but the photo in that detail shows that the meter will be re-used. Plan page P401 shows that B1024 requires a new 1-1/4" meter. Please verify whether or not a meter is required for B1024...

Answer: Refer to #4.

7. (General Question) Please advise that Little Rock AFB will be responsible for turning off the gas-fired equipment at each building, prior to the removal and replacement of the service lines, and re-firing this equipment upon completion of the service re-piping.

Answer: Refer to #1.

8. (Plan Page P3.06, Detail #6) The natural gas work for Building 860 is currently contracted for Comfort Systems USA to add a new gas meter for the building during its' renovation. Please advise that a new meter will not be required under the scope of NKAK 20-1032.

Answer: Refer to #2.

9. Building 120 is scheduled for demolition, is this building still included?

Answer: No. Remove this building from the project scope.

10. (General Question) Please advise that Little Rock AFB will be responsible for turning off the gas-fired equipment at each building, prior to the removal and replacement of the service lines, and re-firing this equipment upon completion of the service re-piping.

Answer: Refer to #1.

11. (Plan Page P3.06, Detail #6) The natural gas work for Building 860 is currently contracted for Comfort Systems USA to add a new gas meter for the building during its' renovation. Please advise that a new meter will not be required under the scope of NKAK 20-1032.

Answer: Refer to #2.

12. (Plan Page P4.01) Plan page P4.01 mentions that a 1" meter is required for B732. There is no detail found in the plan pages for this project. Please advise if this meter will be required to be changed...

Answer: Refer to #3.

13. (Plan Pages P3.07 and P4.01) Plan page P3.07, Detail #5 appears to show a new 1-1/4" meter required in the line drawing, but the photo in that detail shows that the meter will be re-used. Plan page P401 shows that B1024 requires a new 1-1/4" meter. Please verify whether or not a meter is required for B1024...

Answer: Refer to #4.

14. Is a GPR survey required per 01 10 19 1.03 B 5?

Answer: Yes, refer to Specifications 01 14 19 – 6 Ground Penetrating Radar.

15. SOW section 01 10 19 1.10 Will facilities be occupied? If so, will CE provide temporary heat for buildings with gas heat?

Answer: All facilities will be occupied. Contractor shall provide temporary heat from November to April maintaining 65F to 70F. Specifications 01 50 00 – 22 Heating of Facilities.

16. SOW section 01 10 19 1.11 Will any asbestos abatement be required?

Answer: No.

17. 01 50 00 1.04 Will a construction sign be required? If so, where will it be located?

Answer: Yes, see Specifications 01 50 00 – 22 Construction Sign. Each building will require a sign, but that sign can be moved from building to building as work progresses.

18. Will there be any painting required? If so, what will be painted?

Answer: Yes, see Specifications 09 91 00 – 52 Painting. Painting of gas piping and other equipment is also mentioned several times throughout the drawing sheets G0.01 and P1.01.

19. Who is responsible for shutting down and restarting existing natural gas fired equipment? If the contractor, who is responsible for gas fired equipment that won't restart or currently is not working?

Answer: Refer to #1.

20. Drawing P4.01 Building schedule. It appears that there are several buildings on this list that may have been upgraded already or may be scheduled for demolition. Could we get an up-to-date list of facilities?

Answer: Up to date list of buildings in scope is as follows, all other buildings indicated on drawings and other references not listed in this answer will no longer be a part of the scope of this project. B125, B208, B228, B242, B245, B246, B256, B257, B259, B266, B272, B280, B320, B335, B344, B356, B364, B366, B368, B370, B530, B538, B540, B549, B550, B620, B624, B656, B714, B718, B724A, B725B, B726A, B727A, B728A, B729A, B730A, B731, B732, B735, B746, B764, B768, B772, B850, B860, B864, B882, B950, B956, B980, B1036, B1075, B1100, B1230A, B1230B, B1240, B1250, and B1575.

21. Can the status of each existing Nexus meter and transceiver be confirmed as working and connected to an existing, fully functional head end system?

Answer: Assume all Nexus meters are working unless indicated otherwise by drawings.

22. If existing Nexus Meters, transceivers and head end control system are found to be non-functioning, will contractors be allowed to submit change orders in order to deliver a fully functioning system?

Answer: Connection to the existing Nexus meters is no longer required for this project. If equipment is found to be non-functioning during construction an RFI can be submitted to CE who will then decide if a modification is required.

23. What head end system is currently in place?

Answer: Schneider Power Monitor Expert.

24. What hardware, firmware and software revisions are currently installed for the head end system?

Answer: Version 9.0 / 2020.

25. Are the head end and Nexus meter Authority to Operate (ATO) and Authority to Connect (ATC) documentations and certificates currently valid and up to date?

Answer: Yes.

26. It is acceptable to use Trane building controllers, in lieu of existing and new Nexus meters and transceivers, to capture gas usage data from the new and existing gas meters?

Answer: Trane building controllers are not allowed as they do not follow Air Force guidelines for metering. New and reused gas meters are no longer required to be connected to the existing Nexus meters as part of this project. This will be handled in a separate project.

27. It is acceptable to use the existing Trane Ensemble system to accomplish the intent of the project head end control system requirements?

Answer: No, this does not follow Air Force guidelines for metering.