

**Proposal 15274
Ames Complex Fire System Replacement
Questions and Responses Set 1**

Q1) Are there plans that are detailed out?

R1) The plans are detailed.

Q2) Is there an area on site for storage trailer?

R2) Yes, we will block an area in the parking lot.

Q3) What are the hours of work?

R3) Typical hours of work will be 7:00a.m. to 3:30 p.m. If something needs shut down DOT will need advanced notice and will make arrangements for after hours or weekend work.

Q4) Are there liquidated damages?

R4) No

Q5) Demolition, is there know asbestos?

R5) DOT has done a lot of removal already, we do have in-house testing capabilities and if we do find a questionable area DOT will test and have removed.

Q6) Demolition plan will we be demolishing everything or will we be re-using anything?

R6) If conduit above the ceiling is in good shape and can be re-used we would like to us it. All wiring and devices will be demolished.

Q7) Demo plan as per OSHA requirements are you really requiring this?

R7) Yes

Q8) What about ceiling tile?

R8) DOT to provide replacement ceiling tile for project.

Q9) Calls for Constructors waste management disposal plan and disposal reports. Are you really requiring this?

R9) Waste disposal reports will NOT be required and this section and all of its subsections will be removed. No hazardous waste can be put into DOT dumpsters.

Q10) Are there any Ionization smoke detectors in place in buildings?

R10) No

Q11) The waste management goal is not going to be discussed at the pre- bid correct?

R11) Correct

Q12) Will some devices be reused or relocated?

R12) Depending on the type of system approved for replacement all devices could be removed.

Q13) Is this contract to also cover the costs associated with the programming of the current Simplex Grinnell supplier?

R13) DOT will handle scheduling programming issues with Simplex Grinnell.

Q14) The fire stop requirements will they be on everything or just new penetration only?

R14) Correct, please follow Section 07 840 Fire Stopping for how to meet requirements.

Q15) Will we just leave the new equipment i.e. strobes hanging until the old equipment is removed?

R15) No, the new system has to be put in place as it must be Fire Marshall approved, tested and inspected before the old system can be removed.

Q16) Are cover plates acceptable in lieu of patching or will DOT patch/

R16) Cover plates are acceptable

Q17) Does every device need an identifier tag?

R17) Provide labeling of fire alarm equipment per section 3.2.B. Labeling of Interior components (3.2.B.5) and conduit (3.2.B.6) is not required.

Q18) Section 26.0553 2.2E?

R18) This is required as listed in specifications.

Q19) 28-3100 Graphical monitoring system do you need digital monitoring on each of the panels?

R19) Yes

Q20) Drawing E-5.00 do the monitoring connections currently exist or does it need established and does this contract cover this expense?

R20) Provide one year of third party monitoring by a UL listed central station.

Q21) Does your current system have pager modem function and how is it to interface?

R21) This is answered in R3 of Set 2 questions.

The system shall only be used for broadcast of pre-recorded emergency messages or special instructions through remote microphone stations located at each of the two system workstations (one remote station in the Admin Building and one in the South Wing).

Q22) Shop drawing calls for Nicet level 4 and the quality side is to be certified by Nicet level 3. What Nicet level do all the labors i.e. installers need to have?

R22) Spec section 283111 part 1.5, C, 2 – Shop drawings shall be prepared by persons with Nicet Level IV certification. Revise paragraph to read “Shop Drawings shall be prepared under the supervision of persons with the following qualifications:”

Spec section 283111 part 1.8, A. Installer Qualifications: Installation shall be by personnel certified by NICET as fire-alarm Level III technician. Revise paragraph to read “Installer Qualifications: Installation shall be supervised by personnel certified by NICET as fire-alarm Level III technician.”

Q23) The proposal does not indicated that the contractor must be licensed by the State of Iowa’s Fire Marshall and that installs also must hold the same licensing, why not?

R23) Contractors shall be certified by the State of Iowa as an Alarm System Contractor/Installer.

Q24) Spec 38-276 Does this really apply?

R24) Revise paragraph to read “Signaling line circuits shall be loaded to no more than 80% capacity.”

Q25) Drawing E 3.01 shows data fire suppression control alarm and trouble. Who will enable this and disable this? We need to know what DOT wants to do?

R25) DOT will coordinate with contractor for FM 200 system.

Q26) E 3.1 Question on the warehouse show 2 Vesda air sampling systems what is the desired operation? Will these stay in place?

R26) Yes, 2 VESDA interfaces will remain and DOT would like it to report conditions:

Low air quality level

Alarm of air quality

Q27) E5 line shows twist par to motor pool is there a new panel or is this part of the repair shop and (?) shop?

R27) The Motor Pool is to be included in the Repair Shop panel.

Q28) Will you update the legend to include a weather proof speaker?

R28) Add to the symbol legend on Sheet E0.00 a weatherproof mass notification speaker. Symbol appears on the plans as a circle with a triangle attached to it and ‘S’ inside the circle.

Q29) Metal race way can wires be flown or does it have to be in raceway?

R29) It can be flown above any drop ceiling it can be flown.

Q30) Raceway surface does it need to be finished?

R30) Above the ceiling it does not need painted but below the ceiling it does need painted and DOT will supply the paint.

Q31) Contract cost is that \$85,000.00?

R31) No, \$85,000.00 is the proposal guarantee only. Project Budget is not something DOT releases.

Q32) There is a reference to Section 31 2000 Earth Moving but not included?

R32) Reference to specification section 31 2000 is not found. Was 31 2000 a general reference to sections 31 2316, 31 2316.13, and 31 2323

Clarification: Consultant indicated the State Fire Marshall requires that each building is submitted individually and must be inspected by the State Fire Marshall.