

**Addendum
No. 2**

Addendum Date: October 28, 2019
Project: Fire Alarm System Replacement at
Carvel State Office Building
DFM Project No: MJ1002000018

The work herein shall be considered part of the bid documents for the referenced project and carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Acknowledge receipt of addendum on the bid form as indicated.

Clarifications:

1. The OMB/DFM Project Manager is Chip Lieber. The incorrect email address was listed in Addendum No. 1. The correct contact information for Chip Lieber is chip.lieber@delaware.gov, (302) 744-1163.

Bidder Questions:

1. Question: Does all fire alarm wiring concealed above ceiling or behind walls need to be installed in conduit or can we run plenum rated cable?

Response: In accordance with Section 283111, 3.2.C: All concealed fire alarm wiring shall be plenum (FPLP) or riser (FPLR) rated cable installed without raceway. Concealed includes spaces above suspended or hard finished ceilings, or within walls or chases.

Please also note Section 283111, 3.2.E: All firefighter telephone circuits shall be 2-hr rated cable assembly (CI cable in EMT). Rated cable assembly shall extend from handset to FACU.

2. Question: Plan 9.17 shows fire alarm layout for second floor – Also shows 2, 3, 4 details. Details space is different from floor layout? Which are we to use for pricing?

Response: Use all of them. Details 2, 3 and 4 are of an intermediate level between floors.

3. Question: Will a Bi-Directional System be required for the building now or in the future?

Response: Emergency responder radio coverage (BDA) is not within the scope of this project.

4. Question: Are substitutions allowed for the Gun Shot Detection?

Response: Not at this time. The deadline for questions and substitutions requests has passed.

5. Question: What are the hours of operation for the installation?

Response: See 01 10 00 Summary and clarifications made in Addendum No. 1.

6. Question: Plans show a “C” in a square box but not shown in symbols – what is this?

Response: The symbol in question is a Fireman’s telephone handset in wall cabinet.

7. Question: Fire phone placement: will the new fire phones be placed next to the existing, or will they be swapped at the end of the project?

Response: Firefighter phones will be swapped at the end of the project.

8. Question: Fire phones inside elevator cars: how will these be handled, since I do not think it’ll be possible to install new next to existing here?

Response: Swap at end of project.

9. Question: Pull station placement: Will it be required to have the new pull stations next to the existing, or will they allow a swap or existing to new?

Response: In general new pull stations are to be installed next to existing pull stations.

10. Question: Tamper / flow switches: same questions as the pull stations. Will the existing be able to be swapped to new, instead of having new and old in place?

Response: New modules will be installed with liquid tight FMC whips and swapped over at the end.

11. Question: Duct detectors: will it be a requirement to again, install a new device next to the existing in the ductwork? This may cause issues with the airflow?

Response: Yes install new duct detectors next to existing duct detectors and seal duct, insulate and patch insulation jacket when existing duct detector is removed.

12. Question: Existing cable: When available, is it possible to reuse any of the existing cable, or are we required to run all new cabling?

Response: All new cable is to be provided. The existing system is to remain in service until the new system is tested and accepted by the State.

13. Question: Can fire fighter phones be eliminated if BDA is used?

Response: No.

14. Question: Can multimode fiber be used for networking between FACP cabinets?

Response: Yes.

15. Question: Can multimode fiber be used for networking between other equipment?

Response: Yes.

16. Question: Where are LED text signs being installed?

Response: See SE series drawings for locations and Addendum No. 1 for clarification of alternates.

17. Question: Is cellular or IP communicator required?

Response: See specification 28 31 11, 2.2, A.

18. Question: Does any cabling need to be 2 hr rated?

Response: Yes. See specification 28 31 11, 3.2, E.

Changes to Specifications:

None.

Changes to Drawings:

1. Drawing FA9.24 – Revise device layout to suit renovations currently ongoing on ninth floor. Revised riser diagram is not issued, contractor is to reflect changes on as-built drawings.

END