

Vendor Questions and Answers for RFQ W50S7K-21-R-0004

1. Existing start/abort stations do not appear to be in hazardous locations. Devices and boxes are not rated as such. EMT conduit and fittings have been used in adjacent devices in these locations. Is this acceptable for the raceways feeding new start and abort devices?

Response: Hazardous Locations requirements are only referenced in 5.2.2, B. and 5.2.3, D. The space is not considered hazardous, but all other requirements listed in SOW must be followed.

2. Will new wiring be required throughout? No splices are allowed - does this apply to reworking pull stations? SOW indicates replacing conduit up to 15' AFF. Could existing wiring be spliced at this point?

Response: 5.2.7- Install new wire as required. If new wire is installed, it must be installed in accordance with 5.2.7-A, B, C of the SOW.

3. Can the new start/abort stations be mounted higher than the existing stations in order to utilize existing wiring?

Response: Please see- 5.2- 5.2.7 of the SOW, and NFPA 72 min and max height requirement is applicable.

4. Are as-built drawings available for Hanger 75 suppression system and wiring?

Response: Provided to CRTC/Contracting to Post

1. Will a fire protection engineer be required to help design the system modifications and make periodic site visits?

Response: It is not a requirement per the SOW.

2. Are there any as-built drawings available for the Overhead Fire Sprinkler System and Foam System in the hangar bay?

Response: Provided to CRTC/Contracting to post.

3. Are there any as-built drawings available for the Fire Alarm & Foam Releasing System?

Response: Provided to CRTC/Contracting to post.

4. How is the existing foam system currently designed to be activated? By overhead heat detectors? How many heat detectors are required to activate before the system will activate.

Response: See provided As-Built Drawings

5. The new current UFC Code does not utilize heat detectors to activate foam systems, Infrared Flame Detectors are utilized and a new DET-TRONICS foam releasing system is currently being required in all aircraft hangars.

Response: It is not a requirement per the SOW.

6. I see the mention of Abort Buttons mentioned to be required but there is no example provided. I have attached "**ATTACHMENT A – Manual Pull & Abort Station Example**", is this the intent? Is this what is required? This is what is currently being done in aircraft hangars all over this US.

Response: 5.2.5, A, B – 5.2.6, A-G of the SOW provides what is required.

7. If Abort Buttons Stations are required, this means the user will be able to shut down the foam system in the middle of a discharge or prevent a discharge from happening. The existing deluge valves at each of the foam monitors will need to be changed out to a "Flow Control Valve" the existing valves are "Deluge Valves" which are not capable of shutting down once activated.

Response: It is not a requirement per the SOW. Please see- 5.1 Reprogram/Reconfigure Releasing Panels

8. It appears that some existing fire alarm devices are not explosion proof, are the new fire alarm devices such as Manual Pulls, Abort Buttons etc. required to be explosion proof?

Response: It is not a requirement per the SOW.

9. Is any work required at the existing general fire alarm system panel? That is something that was not looked at during the site visit.

Response: It is not a requirement per the SOW.

10. Is the existing foam system releasing panel required to be replaced?

Response: It is not a requirement per the SOW.

11. Is programming the existing foam releasing panel required?

Response: Please see- 5.1 Reprogram/Reconfigure Releasing Panels

12. Can we get a count of the existing fire alarm system & foam releasing system devices? As-built drawing would be very helpful here or another extended site visit will be required.

Response: Provided to CRTCC/Contracting to post.

13. Are all existing devices addressable?

Response: See- 5.2 Replace manual foam releasing (start) stations, abort stations, and conduit of the SOW

14. Is all new wire required throughout the foam releasing system?

Response: 5.2.7- Install new wire ***as required***

15. Is the existing wire splice free? Conductors are install continuous from device to device?

Response: 5.2.7, A, B, C, are requirements of new installed wire.

16. Is the existing wire free of wire nuts, crimped connectors or twisted conductors?

Response: 5.2.7, A, B, C, are requirements of new installed wire.

17. Is all new conduit required for the foam releasing system?

Response: 5.2.1 Demo all existing releasing stations, associated wiring and conduits **as required** to meet 5.2.2- 5.2.8 of the SOW

18. Is the existing conduit EMT or Rigid, the new code requires all conduit to be Rigid.

Response: If new conduit is required, See- 4.2.1 and 5.2.2 of the SOW.