

5 Containers – Fluvanna County, VA Spec List

County of Fluvanna, VA

132 Main Street

Palmyra, VA 22963

Contact: Mr. Ben Powell

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434-960-9219

Site location :

5725 James Madison Hwy.

Fork Union, VA23055

3 Story Fire Containerized Live Fire Training Structure with Tower.

1. NFPA 1402 and OSHA approved design.
2. Containerized Live Fire Training Structure drawings and fabrication drawing.
3. Pre-Sales and fabrication drawings are required for review.
4. PE Sealed Drawings provided for the state of VA.
5. 5 – 40' Once Used Standard height containers with one of the containers being vertical.
6. A Virginia Licensed General Contractor is required unless otherwise noted.
7. Color TBD but most likely Urban Bronze with Red Windows, Doors, Railings and Parapets. The County Colors could also be an option.
8. Estimated Delivery date late spring or summer of 2026.
9. All rental equipment for installation such as Crane, Generators, Man Lifts and telehandler will be provided by Offeror unless otherwise clarified.
10. Two Days Train the Trainer related to fire dynamics instruction needed. Two instructors needed that are seasoned veterans of training on a Containerized Live Fire Training Structure. Background information may be required to show experience.
11. Prevailing wages and reporting are not required.
12. Offeror is responsible to provide a Class A General Contractor to pull any permits needed for the installation.
13. All Doors and windows shall be lockable.
14. Add rain guards above all exterior windows and doors.
15. Fluvanna County will provide any decals required, and Offeror will provide area for decals to be installed.
16. A total of 2 Burn Chambers. One as a rollover and the other as a room and contents.
17. A total of 4 burn cans needed for initial phase of training.
18. Hose holes and standpipe valving required.

19. One TMS system with remote capabilities. Two probes in each burn zone. High temperature wiring is required along with Sealtite conduit and fittings leading down to a sealed fixture which contains the TMS monitor.
20. A, B, C, D orientation signs required.
21. NFPA compliant signs required.
22. One Standpipe required with internal and external hose valve connections. Hose connections are the determination of Fluvanna County.
23. Training props will include a sprinkler simulation in one room in the ceiling with two open sprinkler heads with supply piping from the fire department connection with control valve.
24. Two flagpole mounting locations located on the top of the vertical tower.
25. Design of each burn chamber is at the discretion of Fluvanna County's Training Staff.
26. Caged, lockable doors for each entry into the 40' vertical container. This is for fall protection. All doors will be able to open fully and secured out of the way as needed.
27. Industrial caged ladder to the top of the vertical tower.
28. All entry points or rappelling points are required to have rope protection.
29. Any bailout window or ladder operations shall incorporate a ladder tie off mechanism.
30. Tripod drop zone access off roof of Container #4.
31. Full three tier maze system required in two locations.
32. One cuttable roof vent prop with raised vent located beneath prop.
33. Two established low flow nozzles are required.
34. Clean out platform and clean out chute for second level burn room.
35. Bailout windows and swivel anchors required/minimum of 10,000 lbs. rated swivel anchors.