



**RAN**  
FIRE PROTECTION  
ENGINEERING

## Our Clients Expect Satisfaction—We Earn Loyalty

P: (518) 275-0791 E: [administrator@ranfpe.com](mailto:administrator@ranfpe.com) W: [www.ranfpe.com](http://www.ranfpe.com) F: (518) 275-0792

Fire protection engineering is our passion, it's what defines us. Our employees' dedication to each project they work on sets us apart. Our engineers and designers know that every project they complete will impact lives, and that is a responsibility we do not take lightly. Our engineers are highly trained in fire protection engineering and we have several **Qualified Fire Protection Engineers**, a qualification that is required on Federal contracts.



Small Business



7 Convenient Locations

**100+**

Federal Projects Completed



Subconsultant on several long-term contracts for GSA, VA, DOD



Projects completed in over half the states and nearly 10 countries



Prime contractor for several New York State term contracts

### RAN's Services

#### Engineering

Design/ Drawings  
Hydraulic Calculations  
Life safety plans  
Specifications

#### Code Consulting

Code Analysis  
Code Equivalency  
Evacuation Planning  
Variance

#### System Design

Fire alarm  
Special hazard  
Automatic sprinkler  
Standpipes  
Egress

#### Design/Build

Federal Design/Build  
Private Design/Build  
**Fire Modeling**  
Performance-Based Design  
Smoke Control Systems

#### Construction Administration

Bid Phase  
Request for Information (RFI)  
Submittals  
Site Observation

#### Other Services

Master Planning  
Life Cycle Analysis  
Needed Fire Flow  
Due Diligence

#### Commissioning

### Contracts with:



### Office Locations

#### Albany, NY

417 New Karner Road  
Albany, NY 12205

#### Rochester, NY

3495 Winton Place  
Bldg. E Suite 275  
Rochester, NY 14623

#### Fort Worth, TX

3964 Watercourse Drive, #1471  
Fort Worth, Texas 76109

Florida Illinois Vermont Washington

## What is a Qualified Fire Protection Engineer (QFPE)?

A Qualified Fire Protection Engineer, or QFPE, is a specific designation from Unified Facilities Criteria 2-1.16.2:

*An individual who is a registered professional engineer (PE) who has passed the fire protection engineering examination administered by the National Council of Examiners for Engineering and Surveying (NCEES) and has relevant fire protection engineering experience.*

Put in how we're better than plumbing engineers nicely. RAN has 6 QFPEs and counting as we are continuously growing and supporting our employees' ambitions to become a licensed Professional Fire Protection Engineer. Our QFPEs have over 125 combined years of experience in fire protection engineering.

## Past Performance



RAN has been a part of many MATOC contracts for a variety of defense branches. The IDIQs have served bases, support facilities, RAN provides nearly all the fire protection engineering services at Fort Drum Army Base in New York by supporting General Contractors in their MATOC task orders. These task orders have included hangars, medical facilities, barracks, a museum, among other parts of the base. RAN was also involved in a series of projects at several other bases including NAVFAC support bases like Mechanicsburg, Army support bases including Tobyhanna.



RAN's experience with the General Services Administration expands across the Northeast and beyond. These projects were completed through several different contract vehicles. Many of these projects were task orders from an IDIQ RAN was included on. This five-year IDIQ was extended to any of the 102 GSA owned buildings in in Region 1. These buildings include high-rises, land ports of entry on the Canadian border, and Federal courthouses. Services included code consulting, designing sprinkler systems, designing fire alarm systems, among others.



Much of our work with the Department of Energy is at nuclear facilities. One of these nuclear facilities is Knolls Atomic Power Laboratory (KAPL) which is an American research and development facility dedicated to the support of the US Naval Nuclear Propulsion Program. RAN Fire Protection Engineering, P.C. conducted a Fire Hazard Analysis that involved a comprehensive, qualitative assessment of the risk from for areas including Hazardous Waste Storage Facility and areas with chemical storage to name a few. RAN has also designed fire protection systems to properly protect these important facilities.



RAN's experience at Veterans Affairs facilities spans several states and a variety of occupancy types. This experience includes being a subcontractor on an IDIQ at the Butler VA Healthcare Center in Pennsylvania. The contract is primarily used to design new commercial/industrial type facilities and to design alterations, renovations, and rehabilitations for existing facilities. Additional projects include designing a sprinkler system for the Syracuse VA parking garage and other services like needed water analysis, code consulting, etc.