

## Fire Protection Engineer

### 1. TASK/SERVICES:

The contractor role is to assist NAVFAC WASH with performance of fire protection engineering support from project inception through construction. The contractor shall be familiar with both Design-Bid-Build and Design-Build delivery methods for projects and able to provide technical leadership/mentorship to junior engineers/designers and to review other fire protection engineers' work for code compliance and constructability. Should have the ability to estimate design effort and assist in negotiations with Architectural-Engineering firms and General Contractors. The contractor shall be able to address contractor submittals and requests for information (RFI's).

### 2. CERTIFICATIONS, LICENSES, PHYSICAL REQUIREMENTS OR OTHER EXPERTISE REQUIRED:

- a. Contractor employees performing services under this Task Order must meet the following requirements and have the following licenses and/or certifications for each respective position:
  - **A minimum of Five (5) years of specialized experience in fire protection design and evaluation of new and existing facilities.**
  - Should be competent to develop complete construction documents, including drawings and specifications, for new and renovation projects.
  - Bachelor Degree in Fire Protection Engineering from an accredited college or university.

### 3. General experience and knowledge of:

- **Five (5) or more years of experience as a fire protection engineer facility designer for new and existing buildings;**
- Experience with the full gambit of Fire Protection responsibilities, to include fire alarm and detection, water based suppression systems, foam systems, clean agent systems, kitchen protection, special hazard design, fire resistant construction, occupancy and egress requirements, water supply and storage, system maintenance requirements, and smoke management systems;
- Should have extensive knowledge of NFPA, ICC, and UFC codes;
- Ability to use AutoCAD and other design software;
- Experience in Construction Management/Scheduling and Cost-estimating;
- Experience with field inspections and review of installed components;
- Ability to prepare and provide high-level briefs to senior leadership. Oral and written communication skills must be highly developed.