



CITY OF MIAMI
is accepting applications for the position of:
FIRE PROTECTION ENGINEER

An Equal Opportunity Employer

SALARY: \$78,656.03 - \$155,733.55 Annually

JOB CODE: 2035-20200203-ORIG

FLSA CODE: Exempt position

OPENING DATE: 02/03/20

CLOSING DATE: Continuous

NATURE OF WORK:

This is highly responsible, specialized work in preventing fires and assuring fire and life safety for people who live, work, and visit the City of Miami.

The Fire Protection Engineer is responsible for leading, developing and implementing fire protection engineering programs and services. The principal functions of an employee in this classification involve working in the Fire Protection Engineering Section of the Fire Prevention Bureau, assisting with the completion of plans review and at times new construction inspections, and providing technical expertise and consultation on a wide variety of fire protection engineering issues. The work is performed under the direct supervision of the Fire Marshal; however, considerable leeway is granted for the exercise of independent discretion, judgment, and initiative. The principal duties of this class are performed in a general office environment with some field trips to project sites and on rare occasions to emergency incidents to provide technical expertise.

ESSENTIAL FUNCTIONS:

Participates in the technical review of complex design documents, including: building construction, fire detection/alarm, fire sprinkler, smoke control, water storage/distribution, and pre-engineered fire protection systems for compliance with applicable ordinances, codes, standards and engineering principles.

Participates in the Fire Department's new construction inspection program and the completion of required tests and inspections relative to fire protection aspects of new construction projects and fire protection systems.

Provides training and guidance in the areas of life safety, fire protection, fire alarm systems and the storage and processing of hazardous materials.

Evaluates the use and installation of fire protection/life safety components, system(s), materials, assemblies, equipment and associated structural and utility support system(s) to ensure that they comply with, codes, respective manufacturers recommendations and listings/approvals.

Develops training programs related to model codes, methods, policies, procedures, best practices, and national design standards and provides instruction to department personnel.

Develops and implement fire protection engineering procedural methods and practices for reviewing plans, improving operations, and streamlining work processes and operations.

Stays abreast of emerging fire protection trends, technologies and best practices to ensure local ordinances and codes are current and recommends changes to department policies and procedures.

Evaluates and provides professional advice on plans, specifications, other documents and verbal queries as they relate to fire protection and prevention measures.

Evaluates the storage, handling and use of flammable and combustible materials and hazardous material compliance with fire codes, standards and other regulations.

Performs other related duties, as required and as listed in Roles and Responsibilities document.

MINIMUM REQUIREMENTS:

Must be licensed as a Professional Engineer in the State of Florida, having successfully passed the NCEES PE exam in Fire Protection, and have 4 years experience in fire protection engineering or general fire prevention, construction, and fire plans review. A Valid Driver's License from any state (Equivalent to a State of Florida Class E) may be utilized upon application, however prior to appointment a State of Florida Driver's License (Class E or higher) must be presented to the Department of Human Resources and must be maintained valid through employment.

Note: A valid registration as a Professional Engineer from another state (which is transferable to the state of Florida) may substitute for the required Florida license.

SPECIAL REQUIREMENTS:

Candidates licensed in a state other than Florida must obtain licensure in the State of Florida within six (6) months from the date of hire. Candidates must also be certified as Fire Safety Inspector as specified in Florida Statue Chapter 633 within one (1) year from the date of hire.

All licenses and certificates must remain valid throughout employment in the classification.

SPECIAL NOTE:

Depending on prior experience and education, candidates may be required to attend Fire Protection related training upon appointment. Such training may require travel.

**DOCUMENTATION REQUIREMENTS:
PLEASE READ CAREFULLY.**

Applicants, including City of Miami employees, must upload and submit attached copies of the following documents with the employment application. Please be sure to attach all required documents to your employment application each time you apply. Uploaded documents remain in your online profile, but they will not attach automatically, and you will be deemed ineligible without the proper documentation.

ALL DOCUMENTS SUBMITTED MUST BE CLEAR, LEGIBLE, AND IN PROPER FORMAT.

THE FOLLOWING DOCUMENTS ARE REQUIRED AT TIME OF APPLICATION AND ARE ACCEPTABLE FORMS OF PROOF:

1. Proof of current and valid **Professional Engineer License**. **Note:** Candidates licensed in a state other than Florida must obtain licensure in the State of Florida within six (6) months from the date of hire.
2. Proof of having successfully passed the **NCEES PE Fire Protection Exam**.
3. Copy of valid **Driver's License** from any state (Equivalent to a State of Florida Class E) may be utilized upon application, however, a State of Florida Driver's License (Class E or higher) is required at time of appointment and must be maintained valid throughout employment.

It is the applicant's responsibility to ensure that all required documents submitted with the employment application are in a format that is acceptable, clear and legible for eligibility determination or risk being disqualified.

Applicants, including City of Miami employees, must completely detail their work

experience on the employment application or risk being disqualified. Resumes are not required and will not be reviewed in place of the employment application.

It is the applicant's responsibility to update their online profile with personal data, work experience, education, and certifications, when submitting application(s), failure to do so may result in disqualification.

Applicants must provide a valid email address in order to receive notification of eligibility.

Veterans Preference: Veterans Preference is awarded in accordance with Florida State Statute 295.07. If veteran's preference is being claimed, it must be indicated on the application form and proper documentation, including all forms DD-214 (Member 4) and the applicable FDVA- Veteran's Preference Certification Form(s) in accordance with rule 55A-7.013 - Documentation of Preference Claim, must be submitted with the employment application.

FDVA Certification Forms: Please complete the applicable Veterans' Preference Certification Form(s). Form(s) must be uploaded with your employment application along with acceptable proof of veterans' preference.

Form VP1: [VETERANS' PREFERENCE CERTIFICATE](#)

Form VP2: [CURRENT MEMBER OF THE RESERVE CERTIFICATION](#)

Form VP3: [UNREARRIED WIDOW or WIDOWER CERTIFICATE](#)

Selection Preference for City Residents: In accordance with APM 2-02, applicants for classified positions who are City of Miami residents and new hires will receive preference in selection from interview ranking bands provided that any two (2) of the following documents are submitted with the employment application and again at time of interview:

- A. Utility bill dated within 60 days of the date of submission**
- B. Valid Florida Driver License or State-issued I.D.**
- C. Property Tax Statement dated within 1 year of the date of submission**
- D. Properly executed valid lease agreement**
- E. Homestead Exemption dated within 1 year of the date of submission**
- F. Motor Vehicle Registration dated within 90 days of the date of submission**
- G. Official school records or transcripts, dated within 90 days of the date of submission**
- H. W-2 (or 1099) Tax Form dated within 1 year of the date of submission**

City of Miami residents are granted selection preference over non-City of Miami residents within the same ranking band resulting from an interview process.

Selection Preference: Selection preference within the same ranking band resulting from an interview process will be granted in the following order: 1) preference eligible veterans, 2) active City of Miami employees, 3) City of Miami residents, 4) all others.

OPEN/NON-COMPETITIVE

NOTE: Submit a new application each time you apply for a city job. Proof of education (diplomas, degrees, certifications, if required) and other documentation required to meet minimum requirements must be submitted at time of application unless otherwise indicated in the job announcement. Foreign degrees, certificates or diplomas require transcript evaluations by American colleges, universities, or a NACES approved transcript evaluation service, which determine reciprocity to education in the United States.

Veteran's preference is awarded in accordance with Florida state statute 295. All Forms DD-214 must be submitted with the application, and must be legible. In addition to the DD-214, applicants who have been awarded combat campaign/expeditionary medals that are not reflected on the Form DD-214 must submit supplemental documents from the U. S. Department of Defense that demonstrate possession of a combat campaign/expeditionary medal by the closing date. If veteran's preference is being claimed, questions related to military service must be answered on the application form. To receive disabled veteran's preference, proof of a permanent service-connected disability or a current (less than 1 year old) letter of disability from the Department of Defense or Veteran's Affairs that indicates the percentage of disability must be submitted with application. City

employees and City of Miami residents may also receive preference during the hiring process. For more details, please visit the City website.

Prior to employment, successful completion of a background investigation will be required, and depending upon the type of position a medical examination may be required. Appointment (including promotions or transfers) to certain positions may require a drug screen, and be contingent upon submission of official transcripts. The City of Miami is an equal opportunity employer and does not discriminate.

APPLICATIONS MAY BE FILED ONLINE AT:
<http://www.miamigov.com/employment>

FIRE PROTECTION ENGINEER
RV

OUR OFFICE IS LOCATED AT:
444 SW 2nd Avenue, 7th floor
Miami, FL 33130
(305) 416-2170
TTY: 711 or 800-955-8771 (Florida Relay Service)
FAXES NOT ACCEPTED
hrrecruitment@miamigov.com

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FIRE PROTECTION ENGINEER Supplemental Questionnaire

- * 1. Have you submitted a copy of your Professional Engineer license? If not, please be aware that your application will be deemed ineligible. Note: Candidates licensed in a state other than Florida must obtain licensure in the State of Florida within six (6) months from the date of hire. Candidates must also be certified as Fire Safety Inspector as specified in Florida Statue Chapter 633 within one (1) year from the date of hire.
 Yes No

- * 2. Have you provided proof of having successfully passed the NCEES PE Fire Protection Exam? If not, please be aware that your application will be deemed ineligible.
 Yes No

- * 3. Have you submitted a copy of your valid driver license (Equivalent to a State of Florida DL, Class E or higher) as specified in the job announcement, which MUST be uploaded with your application by the closing date? If not, please be aware that your application will be deemed ineligible.
 Yes No

- * Required Question