



MECHANICAL ENGINEER
Public Works – Engineering Division
Salary: \$75,107.00

This is a professional level position which provides technical expertise in the field of mechanical engineering for the Facilities Division of the Department of Public Works. Responsibilities include design development and the preparation of construction documents, and acting as Project Manager over selected projects. In addition, the incumbent works with county departments to meet user needs and to resolve heating, ventilating and air conditioning problems. General supervision is received from a higher level administrative employee. Technical supervision is exercised over building maintenance staff.

TYPICAL WORK ACTIVITIES:

Prepares design and construction documents on mechanical engineering projects for public bidding; prepares cost estimates for mechanical systems in renovation and new construction projects; performs field inspections on renovation and new construction projects to ensure compliance with mechanical engineering specifications and codes; works with departments to ascertain mechanical engineering related requirements; develops proposals to meet such needs; investigates extraordinary complaints related to mechanical engineering systems and recommends corrective action if warranted; researches new mechanical engineering systems materials, methods and technologies for appropriate application; establishes, monitors and revises technical standards for preventive maintenance programs on all mechanical systems; prepares reports and special projects as requested; acts as project manager over assigned projects; does related work as required.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of the principles and practices of mechanical engineering as it relates to buildings and associated structures; good knowledge of the principles and practices of the field of energy management; good knowledge of construction project management as it relates to heating and ventilating, including scheduling and budgeting; ability to develop, read and interpret engineering drawings and specifications as they pertain to heating and ventilating systems, plumbing and energy management systems; ability to use electronic data processing equipment as it applies to the monitoring of energy management programs; ability to establish and maintain effective working relationships with others; ability to communicate, both orally and in writing; initiative; good judgment; dependability; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

- EITHER: (A) Graduation from a regionally accredited or New York State registered college or university with a Bachelor's degree in mechanical engineering, energy management, or a closely related field and four (4) years of paid, full-time work experience in the field of heating and ventilating engineering, plumbing or facility energy management;
- OR: (B) Graduation from a regionally accredited or New York State registered college or university with an Associate's degree in mechanical engineering or technology, or a closely related field and six (6) years of experience as described in (A) above;
- OR: (C) An equivalent combination of training and experience as indicated in (A) and (B) above.

SPECIAL REQUIREMENT:

Eligibility for a New York State Motor Vehicle Class D license at time of application. Possession of license at time of appointment.

FINGERPRINTING: A fingerprint supported background investigation is required before an appointment is made to some positions. Pursuant to New York State Executive Law, the Division of Criminal Justice Services requires that a fee accompany each such request for a search. It is due once a job offer is made and accepted by the applicant.

For immediate consideration, submit an application on or before December 15, 2017 to:

Dutchess County Department of Human Resources
22 Market Street, Poughkeepsie, NY 12601
Phone: 845-486-2169
Website: www.dutchessny.gov
An EEO/AA Employer

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