Mechanical Engineer II

The Department of Water Environment Protection (WEP) provides critical wastewater services to Onondaga County's Consolidated Sewer District. We are successful in our mission to protect local waterways and public health because of our hard-working employees. WEP is looking for a dynamic individual to join our team as a Mechanical Engineer II.

WHY YOU?

WEP is continuously looking for motivated and dedicated employees to be a part of our cohesive and diverse team! If you have experience in engineering and meet the minimum qualifications noted below, we value your skills and knowledge!

WHAT EXACTLY DOES A MECHANICAL ENGINEER II DO?

The work involves responsibility for providing advanced professional engineering services to support the design, construction, and maintenance of critical infrastructure and facilities for the Department of Water Environment Protection (WEP). An employee in this class applies mechanical engineering principles and advanced technical skills to evaluate, design, and implement solutions for complex mechanical systems, including pumping, piping, heating, ventilating, air conditioning (HVAC), and other process equipment. The incumbent performs detailed engineering analyses, develops cost-effective designs, and ensures compliance with applicable codes and standards. This position involves leading efforts to identify and resolve mechanical system issues, preparing technical specifications for capital projects, and providing quality assurance and oversight during construction or repair phases as a departmental representative. This is an important role at WEP, and the ideal candidate will have various responsibilities including, but not limited to:

- ❖ Conducts workload evaluation/management for subordinate staff
- ❖ Conducts quality assurance/quality control on work performed by subordinate staff
- ❖ Lead role in developing request for proposals for Department Capital Projects
- ❖ Applies engineering principals to address and solve problems concerning mechanical systems including pumping, piping, heating, ventilating and air conditioning systems, compressors, gear drives and other process equipment and appurtenances, as well as structural and architectural systems
- ❖ Researches and evaluates equipment and material for its function, usage, condition and repairability
- ❖ Research literature, manufacturer's applications and design data, and other engineering standards and codes to prepare detailed calculations, designs, drawings, and specifications

MINIMUM QUALIFICATIONS

A. Graduation from a regionally accredited college or university to grant degrees with a bachelor's degree in mechanical engineering, or civil engineering, and six (6) years of professional engineering work, or its part time equivalent; *or,* **B.** Graduation from a regionally accredited college or university to grant degrees with a bachelor's degree in mechanical engineering, or civil engineering, four (4) years of professional engineering work experience and two (2) years of project management experience or its part-time equivalent, *or,* **C.** An equivalent combination of training and experience as defined by the limits of A and B above.

*Special Necessary Requirement***:** *Engineer-in-Training (EIT) Certification or Project Management Professional Certification (PMP) within 12 months of Appointment.*

ANNUAL SALARY
$92,386 - $102,170

CIVIL SERVICE GRADE
CSEA / 15

POSITION TYPE
Provisional
Candidate will initially be provisional and must take the corresponding Civil Service exam, scheduled at a later date, and place high enough on the list to qualify for appointment.
Full Time
35 hours/week

WEP DIVISION
Engineering

BENEFITS
Paid Vacation & Sick Leave
13 Paid Holidays
Health & Dental Insurance
Vision Plan
NYS Retirement Benefits & Retiree Healthcare
Flex Spending
Work-Life Balance
Professional Development Opportunities

MORE ONLINE AT:
ONGOV.NET/EBENEFITS

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