

SENIOR PROJECT ENGINEER – WATER DISTRIBUTION

Code No. 3-20-114
COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This is a senior level engineering position responsible for participating and coordinating of plans and specifications for engineering projects. Work involves preparing, coordinating and monitoring water system construction projects. The employee reports directly to, and works under the general supervision of the Construction Engineer or other higher-level staff member. General supervision is exercised over subordinate professional and technical staff. Does related work as required.

TYPICAL WORK ACTIVITIES: (All need not be performed in a given position. Other related activities may be performed although not listed.)

Manages the planning, execution and completion of engineering projects within a specified time frame;

Designs and prepares permit applications, plans and specifications for projects involving pump stations, water supply, water distribution, water storage systems and other related projects;

Develops, reviews and manages professional services contracts;

Reviews engineering plans and specifications for conformance with established standards;

Prepares and maintains engineering summaries and reports;

Investigates complaints and responds to inquiries concerning water distribution facilities.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of Civil Engineering principles and practices as applied to the design and construction of water system facilities; good knowledge of modern construction methods and techniques, drafting and engineering analysis; supervisory ability; ability to communicate orally and in writing; good oral and written communication skills; ability to design engineering projects including preparing plans and specifications; ability to establish and maintain effective working relationships; willingness to work outdoors; good judgment; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma plus, EITHER:

- (A) Graduation from a regionally accredited or New York State registered college or university with a Bachelor's degree in Sanitary Engineering, Civil Engineering, Civil Engineering Technology, or Construction Engineering Technology plus six (6) years paid full-time or its part-time equivalent experience in engineering work involving surveying, project design, drafting, construction inspection and/or public work construction; OR,
- (B) Graduation from a regionally accredited or New York State registered college or university with an Associate's degree in one of the fields mentioned in (A) above plus eight (8) years paid full-time or its part-time equivalent experience in engineering work involving surveying, project design, drafting, construction inspection and/or public work construction; OR,
- (C) An equivalent combination of education and experience as defined by the limits of (A) and (B) above.

SPECIAL REQUIREMENTS: If you are appointed, you will be required to have a valid license to operate a motor vehicle in New York State or otherwise demonstrate your capacity to meet the transportation needs of the position.

Monroe County Civil Service Commission

ADOPTED: March 3, 2022