

CIVIL ENGINEER - WATER DISTRIBUTION

Code No. 3-14-145

COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This is an engineering position responsible for the design and construction of water system projects. The position regularly requires field work at construction sites. The employee reports directly to and works under the general supervision of a senior level engineering staff member with considerable leeway allowed for in the exercise of independent judgment and the application of professional engineering standards. General supervision is exercised over a professional and technical support 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.)

Designs and prepares specifications for water system construction projects such as booster stations, storage facilities, and water mains;

Organizes and schedules tasks of field and office engineering personnel to accomplish projects;

Acts as liaison between Monroe County Water Authority and organizations such as Federal, State, County, and Town agencies, contractors, and other utilities in matters related to construction projects;

Oversees and coordinates a variety of construction projects to ensure conformity with plans, specifications and other requirements;

Supervises and participates in inspection activities;

Prepares reports to reflect investigations and studies;

Obtains easements and acquires property for projects and files transactions in the County Clerk's Office;

Trains, supervises, reviews and evaluates the work of technical and engineering staff;

Develops capital and operating budgets.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL

CHARACTERISTICS: Thorough knowledge of Civil Engineering practices as related to public water distribution facilities; good knowledge of modern construction methods and techniques, drafting and hydraulic network analysis; good oral and written communication skills; ability to design engineering projects including preparing plans and specifications and interpreting same; ability to organize and schedule personnel to accomplish goals on time; ability to assist in engineering research work; ability to make and direct field surveys; ability to work outdoors; tact in dealing with governmental agencies, contractors, consumers and property owners; good judgment; integrity; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from a regionally accredited or New York State registered college or university with an Associate's degree in Civil, Sanitary or Construction Engineering/Technology; PLUS;

- (A) Six (6) years paid full-time or its part-time equivalent experience in sanitary design or civil design and/or construction; OR,
- (B) Graduation from a regionally accredited or a New York State registered college or university with a Bachelor's degree in Civil, Sanitary or Construction Engineering/Technology, plus four (4) years of experience as defined in (A) above; OR;
- (C) Any equivalent combination of training and experience as defined by the limits of (A) and (B) above.

SPECIAL REQUIREMENTS: Possession of a valid New York State Class D driver's license at the time of appointment.

Depending on the position duties, candidates for employment with the Monroe County Government will be required to pass a pre-employment drug test.

SPECIAL REQUIREMENT FOR APPOINTMENT IN SCHOOL DISTRICTS AND BOCES

Per Chapter 180 of the Laws of 2000, and by Regulations of the Commissioner of Education, to be employed in a position designated by a school district or BOCES as involving direct contact with students, a clearance for employment from the State Education Department is required.

ADOPTED: July 31, 1975

REVISED: May 21, 1981

REVISED: August 20, 1992