

PLANT ENGINEER

Code No: 3-11-098

Competitive

DISTINGUISHING FEATURES OF THE CLASS: This is a technical administrative position in a school district responsible for the coordination of the District's energy conservation measures associated with natural gas, electricity and water. The employee reports directly to and works under the general supervision of the Director of Educational Facilities. Does related work as required.

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

Monitors all utility bills to determine accuracy and improvement areas for energy conservation;

Works with Design Group and Plant Maintenance to develop cost saving measures;

Develops management reports on energy and utilities;

Develops procedures to determine effectiveness of completed energy conservation measures;

Trains staff in the use and proper operation of all school computerized energy management systems;

Inspects all aspects of buildings related to energy conservation;

Evaluates energy conservation grants and writes proposals;

Prepares annual budget estimates for all utilities.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Thorough knowledge of all phases of building heating, ventilation, pneumatic, electrical and energy management systems; good knowledge of plant maintenance including scheduling and preventive maintenance; good knowledge of building custodial function; good knowledge of training techniques; analytical skill; ability to prepare written reports; ability to communicate effectively; ability to train staff; ability to write and interpret specifications; ability to establish and maintain effective working relationships; good judgement; integrity; honesty; 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 an Associate's degree in Heating, Ventilating, Air Conditioning/Refrigeration (HVAC/R), or Mechanical or Electrical Engineering, plus eight (8) years paid full-time or its part-time equivalent experience in energy conservation or mechanical or electrical engineering; OR,
- (B) Graduation from a regionally accredited or New York State registered college or university with a Bachelor's degree in Heating, Ventilating, Air Conditioning/Refrigeration (HVAC/R), or Mechanical or Electrical Engineering, plus six (6) years paid full-time or its part-time equivalent experience in energy conservation, or mechanical or electrical engineering; OR,
- (C) Any equivalent combination of training and experience as defined by the limits of (A) and (B) above.

SPECIAL REQUIREMENTS: Possession of Class III Stationary Engineer's License within thirty-six (36) months of employment.

If you are appointed, you will be required to possess a valid license to operate a vehicle in NYS, or otherwise demonstrate your ability to meet the transportation needs of the position.

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 13, 1995

REVISED: April 5, 2001

REVISED: April 4, 2002