

**TOMPKINS COUNTY CIVIL SERVICE
VACANCY
Inclusion Through Diversity**

OPEN TO THE PUBLIC

**Tompkins County Department of Human Resources Office
125 E. Court Street
Ithaca, NY 14850
(607) 274-5526**

Tompkins County is an Equal Opportunity/Affirmative Action employer. Minorities and women are encouraged to apply

TITLE: Electrical Mechanical Technician

SALARY: \$25.66/hr

TYPE OF EMPLOYMENT: full time

ISSUE DATE: 10/06/22

THE FINAL DATE TO FILE APPLICATIONS: 11/29/22

DATE THAT THIS ANNOUNCEMENT SHOULD BE REMOVED FROM POSTING: 11/29/22

RESIDENCY WAIVED

This position is located at Bolton Point Water System and is responsible for performing the maintenance, repair and operation of all electronic, electrical, hydraulic and mechanical equipment, and/or systems associated with the Type 1-A Water Treatment Plant, and its associated transmission and distribution systems.

This position does require being on a rotating on-call for emergency response.

MINIMUM QUALIFICATIONS: EITHER: No later than the final filing date announced, the applicant must demonstrate:

A) Graduation from a regionally accredited or New York State registered two-year college with an Associate's Degree in electrical/mechanical technology or a related field **AND** two years of full-time paid experience in the repair and maintenance of electrical/mechanical systems; **OR**

B) Graduation from high school or possession of a high school equivalency diploma **PLUS** completion of an official training course in electronic/mechanical technology **AND** four years of full-time paid experience in the repair and maintenance of electrical/ mechanical systems; **OR**

C) Any equivalent combination of training and experience as described in A) and B) above.

Tompkins County is Committed to Equity and Inclusion. We encourage those with similar values to apply.

SPECIAL REQUIREMENTS:

A valid New York State driver's license acceptable to the Commission's insurance carrier is required at the time of appointment and throughout the term of employment.

Must show and maintain the physical ability to routinely lift and handle weights up to 50 pounds. A performance test may be required after a medical examination but prior to appointment.

Must work safely, and follow safety rules and procedures.

DISTINGUISHING FEATURES OF THE CLASS:

This position is responsible for performing, in a safe and efficient manner, the maintenance, repair and operation of all electronic, electrical, hydraulic and mechanical equipment, and/or systems associated with the Type 1-A Water Treatment Plant, and its associated transmission and distribution systems. The incumbent will work under the direct supervision of the Production Department Manager or designee. Some latitude is allowed for the exercise of independent judgment in the completion of assignments. Supervision is not generally exercised over other personnel. The incumbent will perform all related work that is required of the position.

TYPICAL WORK ACTIVITIES:

- Monitors, repairs and operates, as needed, the pumps, valves and motors throughout the water system;
- Maintains telemetering equipment and circuits;
- Maintains, repairs and operates a wide range of electronic equipment such as motor control equipment, sensors and meters;
- Keeps a log of maintenance and other related activities performed;
- Follows a preventive maintenance schedule, recommending changes as needed;
- Performs a variety of custodial and maintenance duties in connection with the maintenance of the Plant and grounds;
- May be assigned responsibility for HVAC controls and system;
- Performs daily maintenance and care on vehicles and other equipment used;
- Performs on-call duties as needed, responding to system emergencies after hours and weekends;
- Interprets electrical and mechanical schematics as needed;
- Ensures adequate resources are available to perform repairs (e.g., tools and supplies);
- Available for emergency response as an essential staff member;
- Follows safety rules, general work habit regulations, and workplace expectations;
- Keeps aware of safety procedures and potential safety hazards and communicates them to the department members;
- Perform related activities that are appropriate to the successful operation of the BPMWS.

•

KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

- Working knowledge of the theory and application of electricity;
- Working knowledge of the equipment required to maintain and repair the electrical and mechanical systems of a Type IA water treatment plant;
- Working knowledge of the operation of modern water treatment plant, transmission, and distribution systems; Ability to communicate, understand and interpret, both orally and in writing;
- Ability to monitor, maintain, repair, and operate pumps, valves and related mechanical and electrical equipment;
- Ability to make routine field tests and inspections of pumps, valves, and Programmable Logic Controls, Variable Frequency Drivers, Radio Telemetry;
- Ability to compile such reports, records and documents necessary for the performance of the position's requirements;
- Ability to read and interpret schematic diagrams;
- Ability to work with SCADA controls, industrial HVAC, plumbing, and industrial electricity;
- Must possess a mechanical aptitude and be willing to acquire the knowledge and skills necessary to repair problems that are likely to occur;
- Ability to operate computers for administrative and operational purposes;
- Alert, observant, independent, dependable, and have a desire to learn;
- Performs duties in a cooperative, courteous and professional manner;
- Ability to work efficiently and effectively when not directly supervised;
- Ability to determine priorities and deal with shifting priorities;
- Good oral and written communication skills;
- Ability to accurately create legible records;
- Must maintain a neat, presentable appearance;
- Must practice safe driving and work habits;
- Tact, diplomacy and the ability to work cooperatively and effectively with management and staff of the various departments, villages, towns and vendors;
- The employee's physical condition shall be commensurate with the demands of the position.

Originally Created 6/95

icm/ojd

Originally I2

Title change 1/22 E69

FURTHER INFORMATION AND INSTRUCTIONS

Falsification of any part of the "Application for Employment" will result in disqualification.

Accepted candidates will be notified when and where to appear for the examination. If you do not receive your notice to appear at least three days before the date of the written examination, call Tompkins County Department of Human Resources at 274-5526. If an application is disapproved, due notice will be sent. This department does not make formal acknowledgment of the receipt of an application or take responsibility for non-delivery or postal delay.

Applicants must answer every question on the application form and make sure that the application is complete in all respects. Incomplete applications will be disapproved.

ACTIVE MILITARY PERSONNEL, VETERANS OR DISABLED VETERANS desiring to claim additional credit will request the Veterans Credits application form, at any time between the date of application for examination(s) and the date of the establishment of the resulting eligible list. You must meet the requirements set by NYS for these credits and they may be used only once. **YOU MAY NOT CLAIM ADDITIONAL CREDITS AFTER THE ELIGIBLE LIST HAS BEEN ESTABLISHED. IT IS THE CANDIDATE'S RESPONSIBILITY TO REQUEST THE VETERANS CREDIT APPLICATION FORMS AND TO SUBMIT THESE FORMS AND ANY SUPPORTING PAPERWORK BEFORE THE ELIGIBLE LIST IS ESTABLISHED.**

Tompkins County's written examinations are prepared and rated by the New York State Department of Civil Service in accordance with Section 23-2 of Civil Service Law. The provisions of the New York State Civil Service Rules and Regulations, which deal with the rating and review of the examinations apply.

The duration of the eligible lists may be fixed for a minimum of one and a maximum of four years and may be extended beyond four years if there has been a restriction against the filling of vacancies in that title.

The candidates must complete a separate "Application for Employment" for each open-competitive and/or promotional examination that the candidate is eligible to take.

All experience required meeting the acceptable training and experience is full-time experience. (Part-time experience will be credited on a prorated basis).

Appointment from an eligible list must be made from the top three candidates willing to accept the appointment.

Tompkins County is an Equal Opportunity Employer. As part of its efforts to provide employment opportunities to the physically handicapped, Tompkins County Civil Service has adopted a rule permitting the employment of qualified physically handicapped persons without competitive examination (pursuant to Section 55 of Civil Service Law). If you meet the minimum qualifications for this position and wish to know more about this rule, please contact the Tompkins County Department of Human Resources Office.

Unless otherwise notified, candidates are permitted to use quiet, hand-held, and solar or battery powered calculators. Devices with Typewriter Keyboards, Spell Checkers, Personal Digital Assistants, Address Books, Language Translators, Dictionaries or any similar devices are prohibited. You may not bring books or other reference materials.

CROSS-FILING - APPLYING FOR CIVIL SERVICE EXAMINATIONS IN MULTIPLE JURISDICTIONS WHEN EXAMINATIONS ARE SCHEDULED ON THE SAME DATE: When applying for examinations across multiple jurisdictions - all of which are scheduled on the same day - you must submit a Tompkins County Cross-Filing Form. This form must be submitted no later than 4:30 PM on the final filing date of the examination. On this form, list each examination that you are taking and then tell us where you would like to sit. The purpose is to ensure that all of the test materials for the various examinations that you are taking will be available in one location. If you do not provide the cross-filing form to us by the final filing date, we cannot ensure that we can accommodate your desire to cross-file. If any of the examinations are State level examinations, you must sit at the State test center. You will still need to complete the Tompkins County cross-filing form. If sitting at the State site, the State will notify you of when and where to report for your examination(s) and you should bring all admittance letters to the State site. If you are not taking a State examination, bring all admittance letters to your chosen testing site. If you have any question please call Tompkins County Department of Human Resources Department (607) 274-5526. The Cross File form is located at <http://www.tompkins-co.org/personnel/CivilSrvForms/index.html>

FOR RELIGIOUS ACCOMMODATION AND HANDICAPPED PERSONS: If special arrangements for testing are required, please indicate this on your application.

ALL CANDIDATES FOR EMPLOYMENT FOR POSITIONS IN SCHOOL DISTRICTS AND BOCES GOVERNED BY TOMPKINS COUNTY CIVIL SERVICE MAY HAVE THE FOLLOWING SPECIAL REQUIREMENT. 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.

In conformance with Section 85-a of the Civil Service Law, children of firefighters and police officers killed in the line of duties shall be entitled to receive an additional ten points in a competitive examination for original appointment in the same municipality in which his or her parent has served. If you are qualified to participate in this examination and are a child of firefighter or police officer killed in the line of duties in this municipality, please inform this office of this matter when you submit your application for examination. A candidate claiming such credit has a minimum of two months from the application deadline to provide the necessary documentation to verify additional credit eligibility. However, no credit may be added after the eligible list has been established.

BACKGROUND INVESTIGATION: Applicants may be required to undergo a State and national criminal history background investigation, which will include a fingerprint check, to determine suitability for appointment. Failure to meet the standards for the background investigation may result in disqualification.

TOMPKINS COUNTY PERSONNEL DEPARTMENT, 125 EAST COURT STREET, ITHACA, NY 14850