RENSSELAER COUNTY
CIVIL SERVICE COMMISSION
Opportunities in the Public Service
OPEN COMPETITIVE EXAMINATION

ACCEPTING ONLINE APPLICATIONS ONLY
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EXAM NUMBER: 87983010
EXAM TITLE: PRINCIPAL NETWORK ADMINISTRATOR II
EXAM DATE: DECEMBER 7, 2024
LAST FILING DATE: NOVEMBER 1, 2024

NON-REFUNDABLE $20.00 APPLICATION FILING FEE MUST ACCOMPANY EACH APPLICATION. APPLICATIONS SUBMITTED ONLINE MUST BE PAID BY CREDIT CARD AT TIME OF FILING.

PRINCIPAL NETWORK ADMINISTRATOR II, Rensselaer County. The resulting eligible list will be used to fill vacancies as they occur.

SALARY RANGE: $75,795- $77,119   **GRADE:** 21

RESIDENCY REQUIREMENTS: Candidates must have been legal residents of New York State for at least FOUR months immediately preceding the date of the test. Pursuant to subdivision 4a of Sec. 23 of the Civil Service Law, preference may be given to successful candidates who have been legal residents of the municipality to which the appointment is to be made for at least FOUR months preceding the date of the written test.

TYPICAL WORK ACTIVITIES:
- Performs the analysis and planning of networks and telephony solutions and directs the implementation, configuration and installation of infrastructure and equipment;
- Implements the installation of new networks and upgrades of existing networks including, but not limited to, hardware, software and operating system installation;
- Monitors the enterprise network environment and collects event information;
- Monitors critical processes and corrects events before failure;
- Investigates and resolves Server and PC hardware, software, operating system, hub, switch, router, LAN and WAN connectivity and cabling issues;
- Resolves "higher-end" or complex networking issues and any "higher-end" or complex technical issues that are reported to the County's Support Help Desk;
- Provide assistance to Technicians, Analysts and Administrators, which include responding to questions concerning the operation, maintenance and support of networking and computer equipment, software and connectivity;
- Verify proper installation or modification of networks and computers and ensures adherence to adopted plans;
- Facilitates the timely completion of all projects;
- Analyzes and administers microcomputer and networking budgets;
- Ensures all purchase of microcomputer and networking equipment and supplies adhere to County purchasing policies;
- Keeps abreast of latest developments in microcomputer, telephony, and networking technologies;
- Performs other related duties as assigned by the Supervisor(s).

MINIMUM QUALIFICATIONS:

(a) Graduation from a regionally accredited New York State registered college or university with a Bachelor's Degree in Computer Science or related field and four (4) years experience in network support which includes utilizing Microsoft Windows 2000, Microsoft NT, Microsoft Exchange and Microsoft Back Office products, two (2) years of which must have included budget administration, purchasing and supervisory experience; **or**

(b) Graduation from a regionally accredited New York State registered college or university with an Associate's Degree in Computer Science or related field and five (5) years experience in network support which includes utilizing Microsoft Windows 2000, Microsoft NT, Microsoft Exchange and Microsoft Back Office products, four (4) years of which must have included budget administration, purchasing and supervisory experience; **or**

(c) Graduation from high school or possession of high school equivalency diploma and six (6) years experience in network support which includes utilizing Microsoft Windows 2000, Microsoft NT, Microsoft Exchange and Microsoft Back Office products, five (5) years of which must have included budget administration purchasing and supervisory experience.

SUBJECT OF EXAMINATION: A test designed to evaluate knowledge, skills and /or abilities in the following areas.

Preparing written material- These questions test for the ability to present information clearly and accurately, and to organize paragraphs logically and comprehensibly. For some questions, you will be given information in two or three sentences followed by four restatements of the information. You must then choose the best version. For other questions, you will be given paragraphs with their sentences out of order. You must then choose, from four suggestions, the best order for the sentences.

Principles and practices of LAN administration- These questions test for knowledge of procedures and terminology applicable to administering a local area network (LAN). They cover such subjects as installing, configuring and upgrading a network; establishing user accounts and assigning access rights; monitoring network performance and troubleshooting; dividing networks and linking to other networks; creating and documenting procedures for users; and establishing and maintaining network security. The questions are not specific to any particular LAN.

Principles of networked communications- These questions test for basic concepts and terminology of data communications. They cover such subjects as data communications, types of networks, modems, security, protocols, topologies, transmission media, wiring, installation and troubleshooting. The questions are general in scope and are not specific to any vendor or system.

Project management- These questions are designed to test for techniques and concepts of project management. They may cover, but not necessarily be confined to, management of systems development, management by objectives, project scheduling and control techniques (e.g., PERT), characteristics of organizations and of the systems life cycle, and the development of data processing standards.

Systems analysis and design- These questions test for techniques and concepts of computer systems analysis and design. They cover such subjects as feasibility and applications studies, systems development tools and software, the systems life cycle, types of systems (e.g., client/server, Web-based), controls, and systems documentation, testing, and implementation.

<p align="center">THE USE OF CALCULATORS IS <u>ALLOWED</u>.</p>

Test guide: The New York State Department of Civil Service has not prepared a test guide for this examination. However, candidates may find information in the publication 'General Guide to Written Tests' helpful in preparing for this test. This publication is available on line at: https://www.cs.ny.gov/testing/testguides.cfm.

<p align="center"><u>GENERAL INFORMATION</u></p>

1. Each candidate must complete an application form and file it with the Rensselaer County Civil Service Commission, County Office Building, 99 Troy Road, East Greenbush, New York 12061. Applications should be filed as soon as possible after the announcement of the examination. Applications must be submitted online using the Civil Service Portal located on the Rensselaer County website at www.rensco.com. **BE SURE EVERY QUESTION IS ANSWERED. SUBMISSION OF A RESUME INSTEAD OF A COMPLETED APPLICATION IS UNACCEPTABLE. AN INCOMPLETE APPLICATION MAY BE DISAPPROVED.** Please contact out office if you are unable to complete the online application process.

2. Accepted candidates will be notified by email when and where to appear for examination. No one will be admitted to the examination without the official admission notice. If an application is rejected, you will be notified in writing. The Civil Service Commission does not make formal acknowledgment of receipt of an application. **Email the Civil Service Office if you have not received your notice three (3) days prior to the date of examination.** Send emails to: **civilservice@rensco.com.**

3. Unless otherwise stated, all candidates are required to be legal residents of Rensselaer County for four (4) months immediately preceding the date of examination. Appointing authorities may give preference to legal residents of their jurisdiction. (Candidates who are not residents of Rensselaer County but live within the geographical boundaries of a governmental agency under the jurisdiction of the Rensselaer County Civil Service Commission will be considered residents for examinations held to fill positions in that governmental agency.)

4. **SENIORITY CREDITS-(PROMOTIONAL EXAMS ONLY)** will be added to an eligible score as follows: Using as a basis six (6) months of continuous permanent or contingent permanent service in the jurisdiction for which the eligible list is being established as an equivalent to 0.1. No seniority credit will be allowed for service in excess of twenty (20) years.

5. For purposes of claiming veterans credits on a Civil Service examination, an applicant must have received an honorable discharge and have served in the armed forces of the United States at any time during the following periods:

December 7, 1941 to December 31, 1946	June 1, 1983 to December 1, 1987*
June 27, 1950 to January 31, 1955	October 23, 1983 to November 21, 1983
December 22, 1961 to May 7, 1975	December 20, 1989 to January 31, 1990*
August 2, 1990 to end of such hostilities	

*Credit for Lebanon, Grenada and Panama will be limited to those who receive the armed forces expeditionary medal, the navy expeditionary medal or the Marine Corps expeditionary medal. Veterans wishing to claim additional credit on the examination must make claim when filing application. All veterans making application for additional credit must file a Photostat copy of their discharge papers with applications. A candidate who fails to establish, by appropriate documentary proof, his eligibility to receive additional credit by the time an eligible list is established, shall **not**, thereafter be granted additional credit on such eligible list.

Effective January 1, 1998, the State constitution was amended to permit a candidate currently in the armed forces to apply for and be conditionally granted veteran's credit in examination. Any candidate who applies for such credit must provide

proof of military status to receive the conditional credit. No credit may be granted after the establishment of the list. It is the responsibility of the candidate to prove appropriate documentary proof indicating that the service was in time of war, as defined in Section 85 of the Civil Service Law, and that the candidate received an honorable discharge or was released under honorable conditions in order to be certified at a score including veteran's credits.

6. In conformance with Section 85-a of the Civil Service Law, children of firefighters and police officers killed in the line of duty shall be entitled to receive an additional ten (10) points in a competitive examination for original appointments 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 a firefighter or police officer killed in the line of duty 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 (2) months from 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.

7. This written examination is prepared and rated by the New York State Department of Civil Service in accordance with Section 23-2 of the Civil Service Law. The provisions of the New York State civil Service Rules and Regulations dealing with the rating and review of examinations will apply. **VERIFICATION OF QUALIFICATIONS** may be investigated and candidates may be called for an interview to determine whether they are qualified for appointment. You may be required to take a medical examination to determine if you are medically and physically capable of performing the duties of the position.

8. Eligible lists will be established in order of final rating for successful candidates and will be established for a period of four (4) years or until the establishment of an appropriate new list.

9. **NOTICE TO CANDIDATES**: Unless otherwise notified, candidates are permitted to use quiet, hand-held solar or battery powered calculators. Cell phone calculators are not permitted. Devices with typewriter keyboards, spell-check, personal digital assistants, address books, language translators, dictionaries or any similar devices are prohibited.

10. **APPLICATION FEE**: A **non-refundable** fee of $20.00 is required for each separately numbered examination for which you apply. Certain examinations will require a $30.00 filing fee. **The required examination fee listed on pg.1 of this announcement must be paid online at time of filing each application**. As no refund will be made, you are urged to compare your qualifications carefully with the requirements for admission and file only for those examinations for which you are clearly qualified.

11. **APPLICATION FEE WAIVER**: A waiver of application fee will be allowed if you are unemployed and primarily responsible for the support of a household. In addition, a waiver of application fee will be allowed if you are determined eligible for Medicaid, or receiving Supplemental Security Income payments or Public Assistance (Temporary Assistance for Needy Families/Family Assistance or Safety Net Assistance) or are certified Job Training partnership Act/Workforce Investment Act eligible through a State or local social service agency. **ALL CLAIMS FOR APPLICATION FEE WAIVER ARE SUBJECT TO VERIFICATION**. If you can verify eligibility for application fee waiver, you must complete a "Request for Application Fee Waiver and Certification" form **and provide the required documents with your application** by the application deadline as listed on the Examination announcement. The Examination Fee Waiver Request and Certification Form is available at time of submitting your online application. Application Fee Waiver and Certification Forms **WILL NOT** be accepted after the last filing date of an examination or without the required documentation.

12. **Religious Accommodations**: Most written tests are held on Saturdays. If you cannot take the test on the announced test date due to a conflict with a religious observance or practice, check the appropriate box under "Religious Accommodations" on your application. We will make arrangements for you to take the test on a different date.

RENSSELAER COUNTY CIVIL SERVICE COMMISSION IS AN EQUAL OPPORTUNITY EMPLOYER.