



NYC Parks

CITY OF NEW YORK PARKS & RECREATION

## CITYWIDE JOB VACANCY NOTICE: Job ID No. 401732

**Office Title:** Lead Mechanical Engineer

**Civil Service Title:** Mechanical Engineer **Title Code No:** 20415 **Level:** III

**Salary:** \$100,000 - \$114,000

**Number of Positions:** 1 **Work Location:** Olmsted Center, Queens

### Major Responsibilities

- Under direction, with very great latitude for the exercise of independent judgment or action, serve as a subject matter expert, technical leader and engineer of record on projects.
- Manage and coordinate mechanical engineering design projects and project team(s).
- Conduct background research, field visits including surveys in pre-design and design phases, inspections of projects under construction through turnover and site visits for emergency projects.
- Provide engineering assessments, opinions and services as requested.
- Perform mechanical/plumbing systems assessments and prepare feasibility study reports.
- Establish project scopes and estimates on existing or proposed new buildings and infrastructure.
- Perform design calculations for HVAC, plumbing, boilers and related systems.
- Coordinate with other design teams to establish and ensure implementation of mechanical design standards for the Capital Program.
- Prepare plans and specifications of varying complexity for all phases of design and for construction documents using AutoCAD.
- Perform project coordination and ensure completion of engineering tasks.
- Generate quantity take-offs and cost estimates for mechanical/plumbing engineering projects.
- Track project schedules and ensure conformance to budgets and on-time submission delivery.
- Prepare detailed reports on the progress, budget and schedules of projects.
- Attend meetings, prepare minutes/reports/letters and communicate with other departments, agencies, private engineering consulting companies and contractors.
- Coordinate project-specific interagency issues, such as permits, filings and approvals.
- Present projects to Parks Commissioners, community boards, design commissions and others, as required.
- Sign and seal contract documents and related applications for agencies having jurisdiction.
- Provide support during all phases of design and construction.
- Participate in design standards development.
- Manage consultant design contracts and review consultant designs.
- Represent the Design Department at interdepartmental meetings.

### Qualification Requirements

(1) Four (4) years of full-time, satisfactory experience in mechanical engineering work; and

(2) A valid New York State Professional Engineer's License. Current New York State registration as a Professional Engineer must be maintained for the duration of your employment.

A master's degree in mechanical engineering from an accredited college or university, accredited by regional, national, professional or specialized agencies recognized as accrediting bodies by the U.S. Secretary of Education and by the Council for Higher Education **Note:** To be eligible for placement in Assignment Level III, individuals must have at least one year within the last three years of experience as a major contributor or a project leader on a complex project requiring additional and specific expertise in the disciplines to design to construct the project.

This position is exempt from NYC residency requirements.

### Preferred Skills/Qualifications

1. Master's degree in Mechanical Engineering or related field.
2. Knowledge of NYC Construction Codes, NYS Energy Conservation Code, NYC Department of Environmental Protection requirements, NYC Fire Department, National Fire Protection Association and related applicable reference codes and standards.
3. Excellent AutoCAD skills. Knowledge of Microsoft Word, Excel and PowerPoint and ArcGIS.
4. Experience in mechanical and plumbing design for commercial buildings including renovations and replacements of bathrooms/kitchens, heating plants, water tanks, plumbing and gas risers, and underground fire, water and steam lines.
5. Experience in design of life safety systems such as fire-protection and fire-alarm systems.
6. Experience in government building and infrastructure works planning, scheduling, cost estimation and procurement.
7. Experience presenting solutions to project teams and clients.
8. Excellent communication and organizational skills.
9. Four (4) plus years' experience in creating engineering contract packages of similar projects.
10. LEED AP certification and knowledge of green building standards.
11. Driver license valid in New York State.

### How to Apply

#### Parks Employees:

- 1) From a Parks computer: Access **Employee Self Service (ESS)** from the Parks Intranet under Applications or use this link: <https://hrb.nycaps.nycnet/>. Once in **ESS**, go to Recruiting then Careers and search for **Job ID# 401732**. Do not access **ESS** using nyc.gov/ess from a Parks computer.

#### Parks & City Employees:

- 2) From a Non-Parks computer: Access **Employee Self Service (ESS)** by going to [nyc.gov/ess](https://nyc.gov/ess) or use this link: <https://a127-ess.nyc.gov/>. Once in **ESS**, go to Recruiting then Careers and search for **Job ID# 401732**.

Include your ERN and **Job ID# 401732** on your cover letter and resume.

### All other applicants:

Click here to apply: [Lead Mechanical Engineer](#) OR

Go to [nyc.gov/careers/search](https://nyc.gov/careers/search) and search for **Job ID# 401732**.

**POST DATE: 01/10/20** **POST UNTIL: 02/07/20\***

**NOTE: All resumes must be received no later than the last day of the posting period. \*Posting period extended to 02/07/20. Previous applicants to Job ID# 396743 are still under consideration and need not reapply. References will be required upon request.**

[nyc.gov/parks](https://nyc.gov/parks)

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THE CITY OF NEW YORK IS AN EQUAL OPPORTUNITY EMPLOYER  
TELECOMMUNICATIONS DEVICE FOR THE DEAF: (212) 504-4115