

Position Title: Engineer- (Electrical)
Department: Upstate Design and Construction
Location: Albany, NY
Hiring Rate: \$89,876
Bargaining Unit: CSEA
Posting Date: December 3, 2021

Our Mission

We commit to deliver exceptional service and professional expertise on every financing and construction project for our clients and the public, in a cost-effective manner, while advancing the policy goals of New York State.

Applicant Instructions

To apply for this job opportunity:

[Click Here](#)

Pursuant to Executive Order 161, no State entity, as defined by the Executive Order, is permitted to ask, or mandate, in any form, that an applicant for employment provide his or her current compensation, or any prior compensation history, until such time as the applicant is extended a conditional offer of employment with compensation. If such information has been requested from you before such time, please contact the Governor's Office of Employee Relations at (518) 474-6988 or via email at info@goer.ny.gov.

Position Description

Position Title:	Engineer – (Electrical)
Grade/Classification:	6 (D1) – Senior Professional
Bargaining Unit:	CSEA
FLSA Status:	Exempt

Last Revised: November 23, 2021

Primary Purpose

The Engineer manages the design process and administers professional services contracts for consultants providing design services to the Authority and conducts formal reviews of consultant prepared design documents throughout all phases of building design. Performs periodic quality assurance construction site visits and provides technical support on an as needed basis throughout all phases of the project.

Essential Functions

- Manages the project development during the pre-design and design phases of the project, including meeting with clients and consultants and providing assistance, and managing all aspects of consultant contracts including review and approval of consultant requests for payment, amendments, extensions of schedule and contract closeout.
- Perform periodic site visits to projects under construction and monitor the quality of design and construction work performed by architects, engineers, consultants, contractors, and sub-contractors.
- Monitor construction activities including the review and approval of construction change orders and performance of interim and final project inspections on large and complex projects
- Review highly technical designs, plans, specifications, addenda and change orders.
- Review highly technical architectural/engineering reports and studies.
- Provide technical assistance and recommendations to unit staff, Project Management staff and client representatives.
- Coordinate with Project Management to resolve project and/or program issues.
- Perform independent, in-depth investigations of specific problems including architectural/engineering analysis and recommendations.
- Consult with regulatory agencies regarding interpretations and applications.
- Meet with consultants to review and assist them in their submissions.
- Assist in the development, compilation, and distribution of technical data.

Other Duties and Responsibilities

- Assist in the design, development, and/or testing of computerized systems/applications.
- Assist in the preparation of internal design work and modifications, sealing documents as required.
- Assist Management in the development of policies.
- Develop, document, and implement procedures.
- Assess, develop, and implement internal controls, and oversee the review and testing of same.
- Undertake special assignments as directed.
- Must maintain regular attendance in accordance with DASNY attendance and leave policies.
- Must adhere to the NYS Information Security Policy Standards established and issued by the Office of Cyber Security and Critical Infrastructure Coordination. (Standards can be found on the Intranet).

Supervision

N/A

Position Description

Physical/Mental/Visual Demands

Frequent travel is required travel (three to six days per month on average), using public transportation, DASNY vehicle, rental vehicle, or personal vehicle. This travel may include overnight stays at public accommodations and related establishments. Requires exposure to weather and temperature extremes, loud noises, heights (climbing ladders, scaffolding, etc.) and other work safety hazards (chemicals, fumes, etc.) of a construction site. Must be able to work overtime or extended work hours as needed.

Work Environment

Official station is a standard office environment, including the use of one or more of the following: PC, printer, copier, electronic stapler/hole punch/date stamp, telephone, fax machine, shredder, scanner. Requires the use of field equipment to conduct site visit observations and associated testing.

Minimum Qualifications

Bachelor's degree plus five years relevant electrical engineering experience with vertical construction. Must be licensed and registered in NYS as a Professional Engineer. Must possess a valid driver's license.

Preferred Qualifications

Bachelor's degree in Engineering plus five or more years relevant post-license electrical engineering experience with vertical construction. Must be licensed and registered in NYS as a Professional Engineer. Must possess a valid driver's license. Familiarity with JD Edwards and Primavera Contract Manager. LEED certification.

Essential Skills

- Knowledge of design and installation of electrical systems or their components.
- Working knowledge of electrical systems including building power, lighting, communications, security, and control systems,
- Knowledge of applicable National, State and Local codes relevant to the job as it relates to electrical and power systems including but not limited to Life Safety Codes and National Fire Protection Association codes.
- Experience in all aspects of generator work from design to installation and witness testing.
- Demonstrated ability to work independently and exercise sound judgment.
- Demonstrated analytical skills.
- Excellent oral and written communications skills.
- Proficiency in PC applications such as Microsoft Outlook, Excel, Access, Word, and PowerPoint.