

E-3983 Design Rep A Electric

Description:

Pay Rate:

Location: Albany

Supervisor: Mandy Bigda

Unposting Date: 11-25-25

About the position: Under direct supervision for the first six months as a Design Representative-A Electric, and then under general supervision, to develop knowledge of, become familiar with, and prepare independently, construction orders related to overhead and underground facilities associated with electric transmission and distribution, by applying the prescribed Company standards, specifications, procedures, and systems. Perform related work associated with services requiring 3 phase metering, underground networks, large circuit rebuilds, electric maintenance holes and ducts, lashed cables, 3 phase UCD, large public works (underground and overhead) and relocations, complex DOT jobs and relocations. Obtain Rights of Way (easements) and permits. Contact customers and/or their agents as required in connection with duties, including the calculation and collection of associated charges. Assist in the development of other Design Representatives with job duties that the employee has been trained and has had adequate exposure to as required.

Duties: Examples indicative, but not all inclusive, of the type of duties to be performed:

- Promote the extension or construction of electric facilities including all necessary negotiations with customers or third parties, location of services, and obtainment of right-of-ways;
- Advise customers in the proper application of their electric service;
- Apply the prescribed Company standards, guides, specifications, practices, and procedures in preparing layouts of overhead and underground electric transmission facilities;
- Prepare cost estimates of construction and maintenance projects including necessary sketches;
- Coordinate with telecommunications groups in the leasing of duct spaces in the underground duct lines;
- Review network service single line submittals for compliance with Company System Specifications;
- Review service single line submittals for services 320A and above;
- Make load studies on distribution transformers and investigate circuit overloads and voltage complaints to determine necessary changes in circuits or equipment to restore service to satisfactory level of performance;
- Design and complete all network and/or spot service requests, including the review of customer equipment, necessary extension or enhancement of network, studies, etc.;
- Design all maintenance, expansion, rebuilds, etc. on the network systems including duct banks, vaults, head structures, transformers/protectors, etc.;

Key Accountabilities

- Design all Sub –Transmission and Transmission underground installations, extensions, replacements, including pipe cable, large customer services, etc. at 23 kv and below;
- Design large distribution UCD installations, reviews, etc.;
- Design all electric maintenance hole & duct line installations, extensions, rebuilds, relocations;
- Design all electric maintenance hole, conduit & cable installations on bridge structures;
- Design all DOT highway crossings, directional bores, etc.;
- Design large scale three phase pad mount transformer installations, including within City limits;
- Design all primary metered customer services;
- Once trained and qualified, open pad mounted equipment and switchgears in accordance with all OSHA Standards, Crew Requirements and Company standards for design only;
- When accompanied by a qualified Underground Electric Crew, enter electric maintenance holes to inspect existing conditions and facilitate a quality design once trained;
- Utilize the Company information systems to track and update customer service activities;

- Determine the most economical method of providing local distribution system extensions and service facilities for customers.
- Make major decisions in the field relative to the above functions.
- Prepare and submit required reports and correspondence.

Qualifications:

- At least a two (2) year degree in Electrical Technology, Mechanical Technology or GIS from an accredited college or university.
- Ability to handle contacts with customers and other departments in connection with job duties.
- Satisfactorily pass validated aptitude exam identified by the Company
- Ability to follow prescribed standards and procedures.

NOTE 1

The employee will progress from the starting level in accordance with the following schedule:

- Design Representative-A Electric (Starting Level): Pay Group 14
 - After two years the individual will be promoted to the level of Design Representative-B Electric.
- Design Representative-B Electric: Pay Group 18
 - After an additional three years and satisfactory evaluation by management, the individual will be promoted to the level of Design Representative-C Electric.
- Design Representative-C Electric: Pay Group 22

Many of the terms and conditions of employment for this position are defined by the current L97 and/or L97C collective bargaining agreements (CBA's). Employees awarded positions are subject to and bound by the terms of these CBA's as well as other agreements (MOA's, MOU's, ...) between the Company and Union. If you have any questions please contact a L97, L97C Union Steward.

L97C bidding procedure: All employees who are covered by the terms of the L97C CBA (Gold Book) are required, starting May 5, 2024, to submit job bids on or before the above close date **electronically through the Sodales job bidding system**. Employees must submit bids through Sodales for both Gold and Blue Book positions. The Company will not be accepting bids from L97C represented employees via email, fax or paper going forward. Information on accessing and using Sodales can be found on Gridhome, as well as this link sending you directly to Sodales.

Candidates will be considered based on their seniority and the information provided on your application. Candidates who choose to submit incomplete applications may be deemed unqualified or ineligible for the posted position.

L97 bidding procedure: All employees who are covered by the terms of the L97 CBA (Blue Book) are required, to submit bids on or before the above close date electronically through Sodales job bidding system (**highly recommended**), emailing bids to RecruitingNY@nationalgrid.com or fax bids to (315)401-7890.

Bidders seeking to be considered have the responsibility to fully set forth your qualifications on the job vacancy bid form. Candidates will be considered based on their seniority and the information provided on, or attached to, the bid form. Candidates who choose to submit incomplete forms may be deemed unqualified or ineligible for the posted position.