

# C-37875 Designer A- Electrical

## Description:

Pay group: 19

Location: Syracuse

Supervisor: Diem Ehret

Unposting Date: 11/16/2022

## Job Responsibilities:

Under general supervision in the Engineering Department to do designing of minor construction projects and minor parts of major construction projects of all types and to prepare and maintain related diagrams, maps, and records doing drafting work as required and perform such duties as:

- Prepare simple architectural studies in ink or color;
- Develop the design of minor parts of electrical, mechanical or structural projects and assist in the design of major parts of such projects;
- Develop and prepare project drawings and sets of drawings;
- Make engineering computations as required to check the adequacy of the minor designs;
- Develop illustrations for instruction books and construction standards;
- Assist in the calculating, plotting, computing closure and adjusting of field survey data, computing areas and preparing land maps and records;
- Prepare maps and descriptions to accompany deeds, agreements, and other legal documents;
- Assist in the preparation of engineering studies and reports, making engineering calculations as required;
- Assist in the preparation of cost estimates, specifications, budget requests, authority for expenditure papers, etc.;
- Prepare bills of material for minor projects and assist in their preparation for major projects;
- Occasionally take measurements and other data in the field;
- Guide and check the work of drafting technicians.

## Job Qualifications:

- AAS Degree in applicable Electrical Engineering Technology
- Satisfactory completion of a validated aptitude testing, as determined by the Company
- Two years experience at the Drafting Technician C level for a total of three to four years experience in drafting;
- Knowledge of materials and equipment used in construction;
- Full knowledge of projection view developments, view and scale selection and drawing layout;
- Ability to work with and guide the work of others.
- Must pass validated aptitude test.

**NOTE 1:** Designer A's shall, after a period of two years and after having demonstrated the ability to perform Designer B work in a manner satisfactory to the Company, be promoted to Designer B at the time of the annual Review Board.

**NOTE 2:** A Designer A can be assigned the duties of a Designer B without upgrade.

**Only bids received on or before the above close date will be given consideration. Email bids to RecruitingNY@nationalgrid.com or fax bids to (315)401-7890.**

**Bidders seeking to be considered for posted positions have the responsibility to fully set forth their 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.**