

RESUME REQUEST FORM

Desired Candidate Qualifications

JOB TITLE/LOCATION: Electrical Engineer I – Senior Electrical Engineer II / New Orleans LA

REPORTS TO: Electrical Department Manager

COMPANY PROFILE:

Waldemar S. Nelson and Company (NELSON) is a multi-discipline design and project management consultancy serving a wide range of industrial, commercial, and governmental clients across the U.S.A., and at selective international sites.

NELSON is a well-established firm based in New Orleans, Louisiana. With a staff of over 250 employees, NELSON provides professional services to its clients for projects both large and small.

NELSON has a competitive benefits package including healthcare, 401K, standard holidays, vacation/sick PTO, multiple work schedules to choose from which include half-day Fridays or every other Friday off.

www.wsnelson.com

JOB SUMMARY:

NELSON is currently looking for electrical engineers at all levels to join their team supporting large multi-discipline projects for a large international mining company copper and gold mine located in Indonesia. The mining company has a dynamic portfolio of expansion and growth projects at this mine location.

Electrical engineers should be prepared to lead, learn and actively participate in the development and implementation of electrical designs for miscellaneous projects. As an integral part of the electrical design team, an electrical engineer will be given the opportunity to grow and build their career with NELSON by:

- Developing electrical power generation, distribution, protection, and related control systems
- Preparing construction drawings and documents including equipment location plans, interconnect wiring diagrams, wiring schematics, cable and tray layouts, equipment supports, cable schedules, and lighting, etc.
- Developing electrical models and reports using various modelling software packages (e.g. SKM, ETAP, PLS-CAD, AmpCalc, ATP)
- Working with other team members including clients and vendors
- Accepting and using guidance from other engineers and designers on the team
- Participate in feasibility studies, equipment selection, equipment specification/procurement, design drawing development

QUALIFICATIONS:

As a minimum, entry-level candidates are expected to have:

- Bachelor's Degree in Electrical Engineering from an ABET accredited university and 5 to 20 years of relevant experience in plant/facility electrical designs
- Knowledge in the principles and practices of engineering NEC, ANSI, IEEE
- Knowledge of appropriate software (MS Office, Teams, AutoCAD) and data analysis
- Ability to communicate effectively, both verbally and in writing to a diversely educated audience.
- Ability to develop and maintain awareness of occupational hazards and safety of yourself and others
- Skilled in following safety practices and recognizing hazards.
- Professional and detail oriented

Other preferred qualities:

RESUME REQUEST FORM

- Experience using software analysis tools such as ETAP, SKM, PLS CAD, or EMTP
- Overhead line design experience
- Power generation design experience
- Mine design experience

RESUME REQUEST FORM

Requested by: Jack H Neelis II Title: Electrical Engineering Dept. Mgr.

Discipline/Department: Electrical Engineering Date: March 9, 2021

Please solicit resumes to fill the following position(s): 5 to 20 year candidate with Industrial Plant Design background

Note: Candidate intended for miscellaneous projects located in main office

Number of Position(s): 5

Position(s) are: Salaried Hourly Contract

The ideal candidate would possess the following years of experience:

Entry Level 0-5 Years 5-10 Years 10-15 Years 15+ Years

Duration of the Position: Duration of project (estimated to be 6-12 months)

Location of Work: WSNCo Office
 Client's Office
 Offshore
 Field

Travel Required: YES NO
Physical Skills Required: Lifting
 Climbing
 Operate Machinery

Degree Required: YES NO
 BS MS
 PE Preferred NO
Software Required: AutoCad
 PDMS
 Bentley

Job Description:

Developing detailed design packages; perform short circuit, load flow and arc flash studies. See following details. Note: Candidate will be contract with possibility to transition from contract to direct hire.

Position Open For: 2 Weeks 30 Days Open