

**Position Title:** Senior Electrical Designer  
**Division:** ESCO Energy  
**Reports to:** Lynn Hamrick

## Background/Work Experience Required:

To be considered, candidates should have:

- Associate's Degree (A.A.S.) or equivalent from a two-year technical school with five or more years of related work experience.
  - Candidates without a degree require ten or more years of related work or industry experience.
- Experience and proficiency with the following: Electrical design and drafting. Experience should include creation of new drawings, versus maintaining systems developed by others.
- Demonstrated to be highly proficient with computer technologies including but not limited to, Windows 2000 and XP Operating Systems, and the use of Microsoft Office Word and Excel.
- Demonstrated to be highly proficient with AutoCAD.

## Preferred but not required Experience:

- Proficiency with National Electric Code (NEC) requirements.
- Proficiency in management activities including budgeting, defining & managing scope, and scheduling.

## Responsibilities and Duties:

The EESCO Senior Designer will be responsible for, but not limited to:

- Perform CAD/Drafting duties including, but not limited to, electrical design, equipment layout, and cable and conduit routing for electrical infrastructure projects.
- Serve as a primary technical resource for EESCO CAD/Drafting personnel working on assigned projects, providing necessary guidance and training related to electrical design and drafting, work standards and other requirements of the projects.

- Execute projects in a manner that all tasks, both performed directly or indirectly by others, adhere to scope, schedule and budget constraints. Utilize accounting related systems for accurate tracking and forecasting of project performance as compared to plan.
- Communicate regularly with EESCO management and engineering staff to keep them informed on status of all projects, including, but not limited to, resource needs, budget/schedule/scope issues and other performance related issues.
- Utilize, support and enhance EESCO's standards and best practices.
- Understand and follow all safety, conduct and policy requirements established by the ESCO Group and clients.
- Maintain a clean and safe work environment that represents a professional company image. Keep works space, desks, test benches and tables clean and organized on a daily basis.
- Provide quality assessments of work performed by others.
- Work with EESCO management and engineering staff to help develop and execute strategies to retain and improve business with key clients.
- Other duties and responsibilities as assigned or deemed necessary by management.

### Interpersonal Skills/Characteristics:

- Self-starter that exhibits a high level of initiative and resourcefulness.
- Excellent organizational and time management skills.
- Willingness to take on and complete project assignments quickly and efficiently
- Earnestly looks for ways to improve skills and is a dedicated and driven learner.
- Strong written and verbal communication skills.
- Ability to alter schedule, direction, and/or tasks for the benefit of the project, client or company, with a professional and pleasant attitude.
- Work produced demonstrates excellent attention to detail and accuracy.
- Excellent customer service skills
- Excellent teamwork skills
- Work effectively without assistance from others.

- Able to effectively communicate in areas of expertise.

### Travel Requirements:

Able to accommodate up to 25% of overnight travel for services at clients facilities that are out of town. The amount of travel is largely dependent upon project scope, schedule, and assigned tasks.

### Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job, the employee is frequently required to stand; walk; sit; use hands to finger, handle, or feel; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl; and talk or hear.
- The employee must regularly lift and/or move up to 10 pounds, frequently lift and/or move up to 25 pounds, and occasionally lift and/or move up to 50 pounds.
- Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.
- Physical activity such as climbing up and down stairs (may be several flights) and or ladders, and walking long distances while carrying equipment

*\*\*All necessary personal protective equipment is provided to meet and in some instances exceed OSHA Regulations.*

### Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job, the employee is frequently exposed to moving mechanical parts, risk of electrical shock, and vibration.
- The employee is occasionally exposed to wet and/or humid conditions; high, precarious places; fumes or airborne particles; toxic or caustic chemicals; outside weather conditions; extreme cold; and extreme heat.
- The noise level in the work environment is usually moderate, but may be exposed to very loud areas.

*\*\*All necessary personal protective equipment is provided to meet and in some instances exceed OSHA Regulations.*