

Electrical Design Manager

Business Unit: Automation
Location: Marion
Classification: Full-Time

Background/Work Experience Required:

- A minimum formal education of an Associate's degree (A.A.S.) from a two-year technical school and 10 years of related work or industry experience.
 - Candidates without a degree require 15 + years of related work or industry experience.
- Demonstrated proficiency with the use of AutoCAD Electrical.
- Demonstrated ability to develop full sets of electrical schematics including control panel layouts, PLC I/O wiring, P&ID's and other typical drawings commonly found in industrial control systems without direction from an engineer. Must be able to demonstrate use and knowledge of the National Electrical Code as it applies to industrial control systems.
- Demonstrated proficiency with computer technologies including but not limited to, Windows Operating System and the use of Microsoft Office Word and Excel.
- Minimum 3 years of team leadership work experience.

Preferred but not Required Experience:

- Demonstrated proficiency with PLC ladder logic programming, HMI programming or other control system development other than electrical design.

Responsibilities and Duties:

- The expectation of this role is that a majority of the supervisor's time is billable to a project. The remaining time is to be spent improving efficiency, procedures, self development, employee development and interfacing with potential customers.
- Discuss projects with project team to review functions of equipment and systems. Interface with project team regularly to resolve technical issues, ensure expectations are met.

- Schedule the design team to meet the goals of the projects.
- Ensure that the expected quality of the completed work meets or exceeds all of The ESCO Group design and construction standards.
- Makes themselves available for appropriate recommendations for corrective action and/or making subsequent recommendations when a potential conflict arises between the project expectations and the written procedure.
- Assist in the sales effort by partnering with account managers, and/or sales team as determined.
- Work with engineering personnel to develop electrical drawing packages in AutoCAD.
- Assist automation personnel with field research of existing electrical systems, testing of installed electrical systems, and commissioning of the PLC/HMI based control systems.
- Perform project tasks while adhering to scope, schedule and budget constraints.
- Utilize, support and enhance ESCO Automation'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.
- Understand and communicate the ESCO Group services and know who within our organization the client can contact to discuss other opportunities.
- Provide quality assessments of work performed by others.
- Provide guidance and training to others with less experience through mentoring and project leadership.
- Other duties and responsibilities as assigned or deemed necessary by management.

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.*