

ELECTRICAL SYSTEMS DESIGNER JOB DESCRIPTION

To perform Computer Aided Drafting and design for Engineers as needed.

ESSENTIAL FUNCTIONS:

- Create, edit and design electrical, structural and/or control drawings to meet specifications utilizing CAD
- Experience with electric control design, or electric substation design, or electric power design >1000 volts
- Create original drawings from hand sketches
- Review drawings to ensure adherence to established specifications and standards
- Assist Engineer with parts lists, cost estimating, and plans & specifications development
- Provide backup for other employees
- Strong oral and written communication skills
- Initiate follow-up to update documentation when any changes may occur
- Accurately complete paperwork for project tracking costs
- Classify and file engineering drawings
- Ensure that all work is carried out in a safe and efficient manner
- Perform other duties as assigned/needed per Engineer
- Maintain a positive attitude with team
- Maintain good public relations
- High level of integrity and discipline with strong work ethic

QUALIFICATION REQUIREMENTS:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. Must have excellent computer knowledge and problem-solving skills. Must have knowledge of drafting and experience with CAD and Microsoft Office. Must be able to communicate clearly and effectively with team members and clients. Must have the ability to establish and maintain effective working relationships with team.

EDUCATION AND/OR EXPERIENCE:

Associates degree in Computer Aided Drafting or equivalent experience. Must be knowledgeable in advanced CAD techniques. Must be knowledgeable in Autodesk AutoCAD 2017 or higher; or any other equivalent combination of education, training, and experience that provides the requisite knowledge, skills, and abilities for the job.

PHYSICAL CAPABILITIES:

Must be able to pass alcohol and drug screening test. Reasonable accommodations may be made to enable individuals with disabilities to perform essential tasks. Ability to perform low impact physical tasks. May involve lifting of up to 50 lbs.

TRAVEL:

Will be required to travel.

SUPERVISORY RESPONSIBILITIES:

None.

LICENSING OR CERTIFICATION REQUIREMENTS:

Valid driver's license. CAD Certification may be required.