

3D Electrical Designer

Field Production Package Support 3D Electrical Designer

Job Summary

Functions as an C4 Electrical Designer, assist engineering staff in all respect required for the completion of the project, enter and maintain information in database such as Excel spreadsheets, prepare detail drawings for the construction and repair of electrical installation in marine craft and floating structures such as ships, barges, and tugs.

Job Duties

- Responsible for gathering vendor and other types of information, use AutoCAD and function with other engineering tools used at ESG including FORAN and SHIPCONSTRUCTOR 3D modeling software, undertake work under the supervision and instructions by engineering staff using requirements documents, ship specifications, shipyard standards, and regulatory body requirements.
- Create and develop production drawings for arrangement, wire ways, lighting, installation details, develop/maintain cable pull lists, equipment lists and undertake basic calculations subject to review by engineering staff.
- Responsible for identifying/verifying routinely used parts, equipment and other materials in the production drawings subject to review by engineering staff.
- May require conduct of onboard surveys and attending meetings.
- Perform other duties as assigned.
- Regular attendance at work and the ability to work flexible hours, including overtime, weekends, and holidays.

Qualifications

Education: Associate degree in Drafting, and in electrical Engineering Technology or similar field of study. An equivalent combination of education and experience may be considered. Working knowledge/experience with electrical systems, equipment arrangements, system diagrams and basic electrical calculations of the noted areas.

Required Skills

- Citizenship: U.S. Citizenship or Permanent Resident Card required.
- Proficiency in AutoCAD, preferably 2014 and later, familiarity and comfort with FORAN, SHIPCONSTRUCTOR tools, and working knowledge in Excel is required. Intermediate level MS Windows, Word, and Outlook experience required.
- Read, analyze, and interpret, professional journals, technical procedures, or governmental regulations.
- Solve practical problems and deal with a variety of variables in situations where only limited standardization exists.
- On-the-job training may be provided in FORAN. Work in a fast-paced environment, display an attention for detail, and function as a team player.
- 3D modeling of associated C4 equipment along with cabling and connection diagram interpretation and correction/alterations to suit design requirements.
- Experience in a 3D environment with the ability to work and perform in an advanced and fast paced engineering environment.
- Responsible for production outputs and collaboration will all other disciplines within the engineering department.
- C4ISR (Radio, Computer/Voice networks, alarms, Navigation and surveillance system) design experience (5-10 years preferred) to include layout, arrangement, cabling, connections, of all associated 400 SWBS systems.
- Integrity, flexibility/adaptability, initiative, interpersonal skills, attention to detail and multi-tasking.
- Maintain the confidential integrity of details pertaining to Eastern Shipbuilding Group.

Desired Skills

- Five years of hands-on work and/or design experience preferable in the Marine electrical field.

Employer Benefits

Company paid health, dental, and life insurance; other benefits include vision, disability, accident, cancer, and life insurance, pre-paid legal, paid vacation and holiday pay.

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disability status or any other status or characteristic protected under applicable federal, state, or local laws. Pre-employment drug testing and physical required. For consideration, qualified applicants may apply in confidence at:

www.easternshipbuilding.com

Apply

Eastern Shipbuilding Group, Inc. - Human Resources
13300 Allanton Road, Panama City, FL 32404 or
134 S. East Ave., Panama City, FL 32401
HR@easternshipbuilding.com



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