

Job Description

DCS I&C Control Project Engineer

GENERAL CONSTRUCTION (GC)

When you join our team, you are in the right place for your career growth and to utilize your talents and potential. We are a full Engineering, Procurement, Construction, and Maintenance (EPCM) company serving clients in Oil & Gas, Mining & Metal, Petrochemical, Power, Civil Infrastructure, Water industries in U.S. and around the world.

Servicing our customers through our diverse business divisions, we offer challenging assignments on some of the world's largest and most complex projects. Our clients value us because they know we could deliver. General Construction is headquartered in Houston, Texas and has opportunities throughout the U.S., Canada, Mexico and China.

General Construction Group is looking for a **DCS I&C Control Project Engineer** for our Houston office. Job duties will include but not be limited to the following:

Roles & Responsibilities:

- Provide leadership for all distribution control and instrumentation system requirements, working closely with project manager, engineering manager and other engineering disciplines to develop and execute an effective project design strategy.
- Prepare Scope of Work, Technical Specifications, standards and all required drawings documentation for bid packages. Interact with suppliers and contractors as necessary to resolve design issues.
- Provide project support and plant facilities support, including troubleshooting and/or evaluation of existing control and instrumentation systems.
- Responsible for the design, installation and technical support of distribution control and instrumentation system systems.
- Assist in the definition of project scopes and estimates, execute all aspects of DCS design, and support project construction as required.
- Interface as necessary with Company engineering and project management, drafting, purchasing, as well as outside consultant engineering firms, inspection, and operations personnel.
- Review incoming RFIs/Submittals and expedite responses.
- Perform control system retrofits and migrations. Develop detailed scope documents to identify how the upgrade/migration will be executed.
- Design and provide instrumentation design deliverables, including Instrument List, Instrument Construction Specifications, Instrument Installation Details, and Instrument Location Plans.
- Coordinate IO to determine partitioning of the DCS hardware.
- Develop specifications and site study for design of systems and provide P&ID design including instrumentation and related mechanical design.
- Participate and promote Zero Accident HSE work culture. Enforce HSE regulations and adheres to current codes and standards.
- Plan and lead Factory Acceptance Tests, control wiring design, and logic design.
- Provide technical support during commissioning at site.
- Ensure that work being performed is within scope of services and within budget.
- May need to be able to work after hours to complete work product.

Professional Certification: PE Registration desired.

Experience: Five (5) to fifteen (15) years of control engineering experience.

Education: BS or MS of Electrical Engineering.

Intermediate to advanced computer hardware/ software literacy. Knowledge of electrical, process, mechanical, HVAC and instrumentation industries desirable (engineering, fabrication, testing, installation and start-up). Proven experience and track record of accomplishment with excellent oral & written communication skills.

Benefits:

General Construction Group offers a selection of competitive lifestyle benefits which could include a 401K plan with company match, pension, medical, dental, vision, life insurance, flexible spending account, disability, paid time off, or flexible work schedule. We support career advancement through professional training and development.

EOE:

General Construction Group is Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, or protected veteran status and will not be discriminated against on the basis of disability.