



JOB DESCRIPTION AND COMPENSATION

Job Title: Control Engineer
Department: Engineering
Job Reports To: Sr. Electrical / Controls Engineer
Date of last change/origination: 10/2017
Based: Tampa, Florida
Type/Compensation: Job Full Time- Exempt

The Control Engineer position requires experience in designing electrical power and control systems for integrated mechanical systems. Experience in seawater reverse osmosis (SWRO) desalination industry is a plus, but not required.

Responsible for overseeing design and completion of control systems for large SWRO systems. Must be experienced with PLC architecture and programming. Capable of programming as well as overseeing PLC design and programs of other programmers and engineers.

Essential Duties and Responsibilities include, but not limited to, the following:

- Implement controls designs to support company's new SWRO plant construction projects and support existing plant operations.
- Oversee troubleshooting and resolution of controls issues in existing plants.
- Support controls portions of startups of equipment in the field.
- Prepare design and cost estimates for new controls systems during the bidding phase of new projects.
- Work directly with customer electrical engineers to complete system installation.
- Work directly with electrical contractors creating and executing on works scopes and bid packages.
- Other related duties may be assigned as required.

Required Qualifications:

- Strong diverse background in industrial controls and automation
- Current hands-on programming experience on Allen-Bradley ControlLogix PLC and fluent in Rockwell RSLogix 5000 software and FactoryTalk SE HMI software
- Configuration experience with Rockwell EthernetIP network setup
- Recent experience developing SCADA systems, operator GUI, PLC logic
- Prefer knowledge and understanding of server setup, thin-client architecture, firewalls, routers, switches, OS, etc.
- Strong communication skills, both verbal and written, and the ability to effectively communicate across all levels of the organization or project

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- Ability to travel worldwide 10-20% (primarily Caribbean and Latin America)

Education/Experience:

This position requires a minimum of BSEE degree and a minimum of eight years of closely related industrial experience, as outlined above.

In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification form upon hire. Seven Seas Water provides equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, national origin, age, disability or genetics.