**Title: Senior Principal Controls Engineer**

**Overview:**

The company is a global medical & pharmaceutical products company and a leading manufacturer of intravenous (IV) solutions and other sterile solutions for patient treatment at various healthcare centers worldwide. Sterile solution products are used for the regulation of blood pressure, hydration calories & electrolyte balance, medication & nutritional delivery, wound cleaning, and renal dialysis.

**Location:** North Carolina**.**

**Summary:**

As the Senior Principal Controls Engineer, will be responsible for the effective use of standard engineering principles to resolve difficult problems, from conception to final design with team input. Additionally, the position will require planning, scheduling and leading project assignments in the evaluation, selection and adaptation of equipment, process control systems and capital projects in support of manufacturing.

**Duties and Responsibilities:**

* Plans, schedules and lead teams through the planning and execution of medium to large scale projects. This includes constructing detailed, accurate project schedules and interfacing with technical support groups.
* Devises new approaches to complex problems through adaptations and modifications of standard technical and engineering principles.
* Supervises/coordinates with engineers and/or technicians on assigned projects.
* Supports manufacturing group through improvements to manufacturing equipment and processes.
* Reviews equipment trends to identify areas of improvement related to yield, downtime, efficiency, etc.
* Troubleshoots PLC, servo, robotic, HMI/MMI, and related process control and automation systems.

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* Works within small project teams as a subject matter expert and/or project leader to accomplish project objectives including process improvements and project implementation. Works with quality and manufacturing groups to install, validate and implements into production medium to large scoped equipment modifications and capital projects.
* Investigates and analyzes customer problems and develops improvements.
* Performs and documents hardware/software modifications, and system functional specification updates while adhering to documentation and change control requirements.
* Prepares standard operating procedures for new and existing control equipment.
* Contributes and/or manages cost estimating of major capital budget items and the spending of approved project funds.

**Requirements:**

* Bachelor of Science in Engineering with 5-8 years related experience in controls engineering in a manufacturing environment.
* Must have a solid understanding of theories/practices utilized by other disciplines outside primary area of expertise.
* Ability to influence management on courses of action regarding control systems and automated machinery. Must be able to provide solutions that reflect understanding business objectives and cost implications.
* Programming and design (hands-on) experience with process control systems (Examples include: PLCs, PC based control, servo control, robotics, HMI/MMI). Experience in the design of new and/or modification of existing systems.

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* Knowledge and understanding of Networking, PC and database architecture.
* Knowledge of Six Sigma, Lean, principles
* Experience in a regulated Manufacturing environment (FDA/GMP)
* Experience with PLC hardware and programming with Allen Bradley systems.
* Experience in computer aided design such as AutoCad

**Compensation & Benefits:**

Our client is offering a competitive base salary, annual bonus, stock purchase and a full range of comprehensive benefits to include: medical, dental and life insurance; 401(k); stock purchase plan. Relocation assistance will also be provided.

**For information, contact: Romeo Consulting, LLC, Executive Search Consultants, Telephone: 856-665-3466, Email: promeo@msn.com**