

## **Senior Project Engineer—Phoenix**

EMA, Inc. is a well-established, nationally known specialized consulting firm focusing on technology and management solutions for the environmental needs of utilities, cities, and counties. Established in 1975, EMA is at the forefront of utility automation across North America. We are recognized for our innovative work in the analysis, design, development and implementation of creative solutions to meet clients' unique – and ever-changing – needs.

EMA's areas of expertise include:

- Process Automation
- Instrumentation and Control
- Control Software Development
- Information Technology
- Mobile Computing
- GIS Design & Implementation
- Work Management Systems
- Organizational Alignment
- Strategic Planning
- Customer Information Systems
- 311 One-Call Service Delivery
- Homeland Security
- Emergency Preparedness

Headquartered in Minneapolis-St. Paul, EMA's employees are located across the United States and Canada, with major offices in St. Paul, Toronto, Philadelphia, Orlando, and Tucson.

You'll play a lead role in this position, designing and delivering SCADA and Process Control solutions. Responsibilities include control system requirements definition, drawing and specification development for field instrumentation and system hardware, software, and communications systems, application software functional specification development, software development, and implementation, field survey, system startup, construction coordination, and management.

Responsibilities will include the following:

- Develop Instrumentation and control system design drawings and specifications. Lead efforts to diagnose and resolve field I&C problems.
- Work independently from concepts and control strategies to program PLC, RTU, and DCS Controller programs.

- Work independently from concepts to configure SCADA and PCS master station database, alarms, historical log files, trends, and HMI based graphic displays.
- Responsible for developing and/or conducting and documenting field investigations and surveys, factory acceptance testing, and field testing, checkout, and startup of process instrumentation and control systems.
- Manage a core team of engineers and technicians to produce results.

We are looking for the following qualifications and education:

10+ years experience in designing and implementing DCS, SCADA or PLC-based systems including instrumentation, electrical, and software/hardware for utility or industrial applications. Experience in DCS and SCADA Design, DCS/PLC Programming/HMI Configuration, specification writing and cost estimating. Excellent interpersonal and communications skills.

BS in Engineering or Engineering Technology. PE registration in at least one state. (Registration in Arizona is preferred.)

EMA is an equal opportunity employer. We welcome and support diversity in our workforce.

To be considered for this position, please register online by clicking on this link:

<http://tbe.taleo.net/NA5/ats/careers/searchResults.jsp?org=emainc&cws=1>

Then select the Project Engineer in Phoenix, Arizona and complete the candidate fields. You will be asked to attach your resume. It takes just a few minutes. Thank you for your interest in EMA!

EMA, Inc.  
Human Resources  
432 North 44<sup>th</sup> Street, Suite 140  
Phoenix, AZ 85008-7627