

Title: Controls Engineer

Position Summary:

Responsible for controls engineering, programming and service support for commercial control projects. Responds to customer needs by identifying system and product solutions. Generates control proposals to include scope of work, bill of material and develops comprehensive bid strategies, based on project sequence of operations, specifications and drawings in accordance with division standards. Assist customers in answering technical control questions. Conducts customer visits, events and training sessions with mechanical engineers, mechanical contractors and building owners. Communicates project changes to team members and customers. Creates application notes, technical papers, service notes, and training documentation.

Key Duties and Responsibilities:

- Provides technical sales support to engineers, contractors and building owners
- Provides controls training to mechanical engineers, contractors and owners
- Generates controls proposals that includes a detailed scope of work
- Creates sequence of operations, selects bill of materials, designs network layouts and produces electrical schematics
- Performs programming on system and network-level controllers
- Gathers project design changes from the field team and creates as-built drawings
- Follows department marketing strategies, policies and procedures

Secondary Duties and Responsibilities:

- Answers controls technical support calls
- Adheres to safety standards with a high degree of regard towards employee and subcontractor safety

Critical Knowledge and Skills:

- Ability to read architectural, mechanical and electrical blueprints
- Understanding of mechanical systems and basic electrical knowledge
- Experience with installing, programming and commissioning HVAC controllers
- Understand construction documentation, procedures and construction processes
- Proficient at using drafting software applications
- Ability to communicate effectively and work in a team environment
- Good judgment, planning and multi-tasking skills

Education and Experience:

- AA/AS degree w/2+ years related experience in the HVAC industry or
- BS degree in mechanical or electrical engineering or related career field