



JOB POSTING

Date of Posting: October 16, 2008
Posting Number: CA101608SEII
Position: Systems Engineer II
Status: Exempt
Location: Torrance, CA
Position Reports To: Project Manager

This person will provide system engineering expertise to help capture new projects and support existing projects for the company.

Essential Duties and Functions:

- Design systems and networks based on customer requirements and specifications for communications and security applications.
- Develop cost estimates for these systems and networks including; equipment costs, material costs, and installation costs.
- Work with other engineers in other disciplines to develop total solutions for customers.
- Provide leadership on assigned projects to ensure engineering is completed to Adesta standards.
- Participate in design reviews and project coordination meetings.
- Generate technical diagrams, engineering and as-built drawings, scopes of work, test plans and procedures, implementation plans, project schedules, and bid packages.
- Interact with subcontractors, vendors and suppliers.
- Write convincing proposal text to describe designs in response to customer requirements.
- Provision, configure, turn-up, and test system components.
- Perform verification testing on new systems, integrate them with existing equipment and systems, and activate them for service.
- Work with the business development department to market the services of the company, develop new markets, meet with customers, and make effective presentations as requested.
- Other duties as assigned by supervision.

Qualifications:

Must have a Bachelor of Science degree and a minimum of 3 – 5 years of experience in an applicable field. An acceptable equivalent combination of education and experience will be considered. Must possess a valid driver's license. In addition must have the following skills:

- Proficient with software tools such as spreadsheets, Microsoft® Word, project scheduling, and computer aided design.
- Must have good communications skills, both oral and written.
- Must have the ability to train and mentor other employees.

A U.S. Department of Defense secret level clearance will likely be required by the candidate if the department or work location deals with security installation work.

Specialization Requirements:

Security Systems

- Knowledge in access control systems including the following: gate control, door control, card readers, central software control, remote sensors, intercom systems, and biometrics.
- Knowledge in intrusion detection systems including the following: passive infrared detectors, microwave detectors, and fiber sense systems.
- Knowledge in a wide variety of cameras including the following: analog, digital, thermal, fixed, pan/tilt/zoom, and networked.
- Knowledge in other CCTV systems components including the following: video transmission equipment, video encoders, video multiplexers, video switchers, analog video recorders, digital video recorders, video control software, and motion detection software.