

Rail Systems Engineer

An Oakland, CA-based professional consulting firm seeks a full-time or part-time systems engineer to provide train control technology development for complex rail transit projects in the San Francisco Bay Area. The position requires a self-starter, with an analytical approach, and a background in rail transit and systems development. If you are a systems engineering professional who is good at multitasking and time management, and you want to work with and support a wide variety of projects as required, this job is for you. The pay is competitive.

The ideal candidate is motivated and will perform, at minimum, the following tasks:

- Support all stages of complex rail transit projects from concept to final design.
- Work with a team to provide systems engineering, oversight for projects involving signaling and train control equipment, signal buildings, public address equipment, voice and data communication, telephones, fiber optic, CCTV, security alarm, fire detection and suppression, computer systems, and systems integration testing.
- Plan and perform systems integration and interface management.
- Establish and maintain comprehensive and verifiable systems integration processes to be applied through the project's design and construction phases.
- Develop and maintain systems interface matrices/databases.
- Verify that project design complies with all applicable codes and standards.

Minimum Qualifications

- Bachelor's degree in Engineering
- 5-10 years of related experience
- Professional Engineer registration is desired.
- Understanding of design and construction means and methods.
- Knowledge of the principles of signaling systems, communications and central control facilities.
- Familiarity with rail transit industry standards, practices, and regulations is required.
- Experience in the design and/or construction of rail transit systems, signals/train control and communication is preferred.
- A valid California driver license and insurance is a condition of initial and continued employment for this position.

You must use the APPLY link below to apply for this position. The link will direct you to the Careers Portal on our website. Please submit your cover letter describing why you are the ideal candidate for the position and your resume. Please submit your documents in Microsoft Word format.

[APPLY](#)