

Coordination Engineer

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

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

- Serve as Communications-Based Train Control System (CBTC) Liaison
- Review documentation and provide summaries and feedback on: Concept of Operations, Activation Plan and Systems Integration
- Develop white papers and reactions to procurement methodologies
- Support development of Design Criteria Manual
- Support procurement process
- Support system consultants to get up to speed on CBTC system and interactions
- Develop the schedule and funding support
- Monitor and manage design changes
- Review and develop specifications for interface between other relevant projects, including:
 - Functional interfaces
 - Technical interfaces (e.g. electrical, mechanical, network, and environment)
 - Performances
 - Integrations test and validation strategy
 - Scope of work
 - Schedule
- Monitor and manage design changes that impact CBTC scope

Education, required experience, and capabilities:

- BS or MS degree in Electrical Engineering or Computer Science required
- Professional Engineering (PE) License in California is an asset.
- 15 years of experience on metro projects (brownfield or greenfield)
- 10 years experience in project management or lead engineering role
- Experience with systems contract packaging alternatives; assessing project risk and opportunities
- Ability to interface with senior managers and stakeholders and facilitate decision making
- System-level experience with rail transit systems including train control, traction power, communications, and automatic train supervision systems
- Familiar with international and multicultural projects
- Proficient written and verbal communication skills in English

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](#)