PROJECT ENGINEER

Posting ID: EM18016572  
Company Website: http://www.eeiengineers.com/  
Company: Engineering Economics, Inc  
Work Location: Denver, Colorado  
Position Type: Full-Time  
Salary:  
College Major(s): Mechanical Engineering (ME)  
College Level(s): Graduate Student

OVERVIEW

PROJECT ENGINEER – DENVER, CO

Engineering Economics, Inc. (EEI) is seeking a Project Engineer to join our team in the Denver, CO metro area.

EEI is a national leader in the facility systems consulting industry, and we seek candidates who are passionate about the performance and energy efficiency of facility systems. We set a very high standard for our organization and seek outstanding people that measure up to this standard. You supply the skills and the drive to be successful - and we provide an environment to flourish. Our focus is on the delivery of high quality services, and meeting our promises and commitments to our customers.

The Project Engineer is responsible for contributing to the successful execution of Building Commissioning, LEED® Commissioning and Retro-Commissioning, Facility Assessments, and Energy-related services and projects. Our employees are typically field-oriented and individually-empowered to help our customers.

Roles and Responsibilities

Under general direction of a Project Manager, the person in this position is responsible for providing project engineering duties on EEI projects. The Project Engineer investigates engineering issues and identifies potential solutions, develops engineering designs, specifications, prepares written reports, functional test scripts, reviews submittals, analyzes trends, and performs engineering calculations for various EEI projects, in accordance with engineering principles, company standards, customer requirements, and related specifications and codes. The Project Engineer exercises functional authority within area of responsibility towards the completion of engineering projects, and organizes project staff according to project requirements.

TASKS & RESPONSIBILITES:
Assist Project Manager on assigned projects.

Participate in planning meetings.

Participate in reviews of schematic design drawings, design development drawings and construction documents.

Complete project site visits and document observations.

Attend job site meetings as needed and document.

Assist with building start-up and commissioning through functional testing.

Participate in training of building users and maintenance staff on use of building systems.

Interpret drawings, specifications and resolve field issues.

Performs design work including researching data, conducting feasibility and economic studies, and determining design criteria in accordance with required standards and codes for assigned projects.

Reviews and checks engineering drawings, plans, computations, estimates and reports for completeness, accuracy, and soundness of applied engineering principles.

Provides guidance and work supervision for other EEI technical staff as required by projects.

Assists in the preparation of technical presentations and engineering reports.

Advise Project Manager of potential problems and their effect on the project.

Propose solutions to problems and initiate procedure for resolution.

Inspect materials, procedures, and installation for conformance to contract documents.

Assist in problem solving and troubleshooting in conjunction with project management.

Supervise start-up of mechanical, plumbing, electrical and life safety systems.

Review system function and operation.

Develop, implement and supervise testing procedures.

Monitor HVAC balancing methodology.

Conduct system tests.
**Education and Qualifications**

**QUALIFICATIONS**

The individual must be experienced with an understanding of mechanical and electrical systems, or assigned discipline.

Ability to interpret drawings, mechanical, electrical and architectural blueprints.

Strong technical writing skills.

Strong articulation and organization ability to coordinate project activity.

Must be able to work independently or in a group.

Ability to adapt approved engineering methods and standards to the design and construction of a variety of projects.

Ability to think in a creative and innovative fashion, with a demonstrated ability to adapt to change and to apply new solutions to problems.

Must demonstrate excellent organizational skills necessary to successfully complete a project, including project planning, resource allocation, and project completion and close-out.

Demonstrated ability to successfully manage multiple projects at one time.

**EDUCATION and/or EXPERIENCE:**

Bachelor’s degree in Architectural Engineering
A career goal to obtain Professional Engineering License required

Must be willing to move to Colorado and travel as required by project requirements.

Email: Rose.Hall@eeiengineers.com

Subject: Project Engineer – Denver, CO

Engineering Economics, Inc. is an EEO/AA Employer M/F/Vets/Disabled

**Preferred Skills**

**How to Apply**
Email: Rose.Hall@eeiengineers.com

Subject: Project Engineer – Denver, CO
Engineering Economics, Inc. is an EEO/AA Employer M/F/Vets/Disabled