

# COMMISSIONING PROJECT ENGINEER



Engineering Economics Inc

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## COMMISSIONING PROJECT ENGINEER

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### Position Summary:

Under general direction of a Project Manager, the person in this position is responsible for providing project engineering duties on EEI projects.

### Primary Responsibilities:

- 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.
- Participate in training of building users and maintenance staff on use of building systems.
- Assist with facility assessments.
- Interpret drawings, specifications and resolve field issues.
- Conduct comprehensive engineering planning, design, and operational studies for assigned projects.
- Perform design work including researching data, conducting feasibility and economic studies, and determining design criteria in accordance with required standards and codes for assigned projects.
- Review and check engineering drawings, plans, computations, estimates and reports for completeness, accuracy, and soundness of applied engineering principles.
- Provide 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, electrical and life safety systems.
- Review system function and operation.
- Develop, implement and supervise testing procedures.
- Monitor HVAC balancing method.
- Conduct system tests.

### Qualifications:

- Bachelor's degree in applicable discipline. (May substitute an equivalent combination of experience, education and training that would provide the level of knowledge and ability required for the position.)
- Professional registration (preferred).
- Strong understanding of mechanical and electrical systems, with emphasis on HVAC and control system engineering.
- Hands-on field experience with building systems.
- Experience using field test equipment.
- Knowledge of test and balance methods (preferred).
- Strong communication (written and oral) skills. Strong technical writing skills.
- Proficient in Microsoft Office products, such as Excel, Word, PowerPoint, etc.
- Ability to travel.