



POSITION: Commissioning Engineer

LOCATION: Eugene, Oregon

DEPARTMENT: Commissioning

REPORTS TO: Principal Commissioning Manager

SUMMARY: Responsible to manage and implement the commissioning process for projects.
Responsible for developing and maintaining client relationships.

JOB RESPONSIBILITIES:

A. Building Commissioning

- Perform design review. Identify design concepts and provide technical review of mechanical systems with a focus on conformance to the Owner's Project Requirements, energy efficiency, constructability, and sustainability.
- Develop commissioning specifications from templates.
- Perform/supervise construction inspections and field investigation.
- Conduct commissioning meetings.
- Conduct and coordinate functional performance testing.
- Diagnose and resolve technical equipment and system problems.
- Track commissioning related issues until resolved.
- Develop training documentation for building operations staff.
- Write system operation manuals.
- Prepare commissioning reports including commissioning progress and final commissioning reports.
- Support development of company standards.

B. Project Management

- Accountable for the successful completion of commissioning projects
- Assist the commissioning manager with the planning, scheduling, conducting and coordinating of commissioning work and projects.
- Accountable for quality of deliverables and effective execution of project assignments
- Responsible for the technical accuracy of work performed in field of discipline
- Coordinate with clients, facility owners, and sub-consultants.
- Maintain positive work environment.

C. Marketing / Client Development

- Assist with commissioning marketing.
- Assist with engineering/commissioning project proposals.
- Participate in oral marketing presentations.
- Develop client relationships.
- Maintain regular contact with assigned clients.

QUALIFICATIONS:

A. Education, Experience, and Registration

- Bachelor of Science degree in an engineering field
- Three to five years of consulting engineering experience in commissioning of building mechanical, electrical, and plumbing systems. Experience with lighting, electronic safety and security, communications, and low voltage control systems is desirable.
- Experience working with multiple discipline projects
- Experience with the commissioning and retro-commissioning process
- Experience with a variety of facility types such as K-12 education, higher education, government office buildings, laboratories, health care facilities, data/communication centers, sports facilities, aquatic centers, military facilities, and central plants,
- Experience in the design and implementation of sustainable construction practices. LEED accreditation is desirable.
- Experience with existing building operation
- Experience with operation and maintenance protocols and procedures
- Ability to obtain security clearances for state and federal governments
- Professional engineering registration is preferred, or the ability to obtain a professional registration in the State of Oregon within 2 years from start of employment.

B. Knowledge

- Possess excellent mechanical, electrical, and control system knowledge and troubleshooting skills.
- Trade experience with associated contractor disciplines.
- Expected to have sufficient technical knowledge and awareness of project details to be able to recognize when technical problems are developing in the various disciplines, and to initiate appropriate corrective actions.

C. Skills

- Excellent interpersonal skills
- Attention to detail and high level of accuracy
- Effective organizational skills
- Effective written and oral communications skills
- Proficient computer skills in Microsoft Office Suite

D. Personal Attributes

- Honest and trustworthy
- High level of integrity
- Sound work ethic
- Respectful
- Possess cultural awareness and sensitivity
- Maintain confidentiality in performing assigned duties.

E. Special Requirements

- Background screening includes previous employment, education, criminal history, and driving record verification.

WORK CONDITIONS:

A. Job Requirements

- Job will generally be performed in an office environment; however, work on construction job sites, travel to project location and overnight stays is required. Occasional travel up to 3-4 nights per week as workload dictates.
- Work will require activities such as site investigation and field testing.
- Ability to use ladders and lifts. Occasional standing for long periods of time. Ability to perform field testing and site investigations in various working conditions including heat, cold, rain and snow.
- Overtime may be necessary as work load dictates. This may include weekdays, weekends and/or holidays.