Building Energy Auditor

Description

The Building Energy Auditor will serve as a technical resource for Okapi Architecture and will assist with on-site and virtual energy and water audits, energy analyses, and retro-commissioning. Responsibilities including supporting all aspects of audits and studies conducted by Okapi Architecture on a variety of non-residential buildings, including Civic Centers, Maintenance Yards, Police, Fire, Libraries, Hospitals, Correctional, and more. The individual would assist in data collection, field visits, interviews with facility staff, and report reviews, ultimately determining best efficiency measures to pursue.

Responsibilities

Works on energy audits, energy analyses, and other related technical projects and tasks, deciding approaches, ensuring quality, overseeing implementation, and tracking results. Coordinates site walks and meetings, and assists with data collection, field visits, interviews, and report reviews. Performs technical reviews of consultant-proposed designs and specifications.

- Works on varied technical projects and tasks simultaneously (e.g., energy audits, energy analyses, cost estimates), determining approaches, ensuring quality, overseeing implementation and tracking results.
- Coordinates site walks and meetings, and assists with data collection, field visits, interviews, and report reviews. Collects and evaluates documentation (e.g., utility bills, as-built drawings). Completes utility documentation for rebates and incentives.
- Performs technical reviews of consultant-proposed designs and specifications.
- Provides guidance with building management systems to enhance operability and comfort, improve maintenance services, and minimize energy usage.
- Collaborates with relevant stakeholders to determine best measures to use on projects based on impact to occupants, costs, and savings potential, and tracks implementation. Coordinates with project managers to address questions and issues that arise.
- Manage several audits and RCx efforts simultaneously, including all technical aspects of planning, scoping, budgeting, scheduling, deciding technical approach, ensuring technical quality, overseeing implementation of reports and studies, and tracking results.
- Assist in reviewing trends to verify and/or assess equipment start/stop scheduling, economizer mode operation, VFD modulation, terminal box control functionality, static pressure and temperature differential optimization, pump staging, and other parameters affecting efficient energy usage.
- Supports other sustainability related efforts and participates in relevant committee meetings as needed.

Required Qualifications

- AA Degree, Majors: Environmental Science or Engineering, Energy Management, or related fields. Or equivalent experience.
- 2 years of experience in energy engineering and/or energy management
- Demonstrated knowledge of energy efficiency/sustainability initiatives.
- Excellent written and oral communication skills, and an exemplary attention to detail.
- Advanced judgment, analytical, and decision-making skills, able to work independently with minimal supervision.
• Knowledge in technical subject matter including building systems (HVAC, building envelope, and lighting systems).
• Proficiency with computer operating systems and relevant applications/software (e.g., Windows, Apple, Adobe).
• Demonstrated interpersonal and critical-thinking skills, able to review technical calculations, models, systems, and measurements.
• Experience in diverse, collaborative and high-performing teams.

Preferred Qualifications

• 4 years of experience working in the energy efficiency/sustainability industry.
• Familiarity with SDG&E’s energy efficiency rebate and incentive programs.
• Certified Energy Manager and/or Certified Energy Auditor AEE Certification.
• Experience with building systems and local/state benchmarking regulations.