

Position:

**Project Manager/Green Building Consultant
with Mechanical Engineering & Energy Management Expertise**



Green Ideas Environmental Building Consultants provides support for building owners, architects, engineers and contractors who build high performance, sustainable buildings. Our services include educational programs, energy and water efficiency consulting, LEED project management and product evaluation and documentation services. The Green Ideas team manages more than fifty LEED projects representing over 16 million square feet of sustainable space. Due to both the technical knowledge and practical experience of our principals and consultants, Green Ideas has become a recognized leader in the green building industry throughout the United States.

DESCRIPTION OF POSITION

A Green Ideas Project Manager adds value to the building industry by demonstrating leadership, versatile communication skills, organizational and technical skills, energy literacy, creativity and time management. An effective Project Manager/ Consultant provides clients with green building solutions, options, strategies and technologies to meet their objectives. The Consultant also manages by implementing those strategies and technologies through scheduling, communication, research and creative problem-solving. Our Consultants are efficient in organizing, documenting and finalizing projects to ensure that our clients are pleased with results and feel they have been provided a valuable service. A sincere interest in the advancement of sustainable building design is imperative to Green Ideas' team members.

RESPONSIBILITIES

- Advise clients regarding energy, commissioning, indoor air quality and other technical issues
- Research green building strategies and technologies for both internal purposes and client needs
- Prepare technical reports, tools, and calculators
- Serve as resource to LEED project team members with regard to sustainable building design, construction and operations issues in the area of building systems
- Develop working relationships with clients and team members via effective, professional communication, both written and verbal
- Assist in identifying and supporting new business development opportunities related to LEED and sustainable building design and operations
- Provide technical, organizational and scheduling support to senior level consultants

SUBJECT MATTER EXPERTISE

- Familiarity with HVAC fundamentals and basic engineering analysis including thermodynamics, heat transfer, fluid dynamics and energy/mass balance equations
- Ability to interpret and correctly apply a variety of Green Building Referenced Standards, including but not limited to:
 - ASHRAE 55-2004 - Thermal Comfort
 - ASHRAE 62.1-2007 - Minimum Airflow
 - ASHRAE 90.1-2007 - Energy Performance
 - ASHRAE 189 - Green Building Guidelines
 - ASHRAE 0 - Commissioning Practices
 - SMACNA - Indoor Air Quality Guidelines During Construction
 - Green-E - Certified Green Power
 - ISO 14000
- Interest and understanding in technologies such as underfloor air distribution, chilled beams, radiant flooring, thermal storage, geothermal, building automations systems, economizers, etc.

**Position Available:
Project Manager/
Green Building Consultant**



Green Ideas
Environmental Building Consultants

- Basic understanding of energy management - ability to gather and process whole building energy usage data, utility rate information, and also identify potential energy conservation opportunities
- Understanding of major federal tax benefits and local utility rebates associated with energy efficiency and renewable energy applications
- Ability to perform ROI and life cycle analysis for a variety of energy conservation projects
- Knowledge of renewable energy cost trends and green power purchase markets in the US

GENERAL CONSULTING SKILLS

- Ability to clearly and effectively communicate complex ideas and processes through strong language and writing skills
- Analytical skills for reviewing design and construction documents, technical data, regulations, standards and reports
- Expertize in MS Word, Excel, PowerPoint, Outlook and Project with an aptitude to learn new software (i.e., energy analysis; glazing performance analysis; life-cycle assessment; web-based tools)
- General understanding of the principles that guide environmental design
- Ability to synergize well with both project teams and the Green Ideas' internal team members in a flexible and consistently positive manner

EDUCATION AND EXPERIENCE

- Engineering degree from an accredited University. (Electrical, Mechanical, or Energy Engineering preferred)
- 3+ years professional experience with demonstrated advancement in sustainable building design and construction
- LEED Accredited Professional with LEED Project Management Experience
- Experience or involvement with USGBC
- Certifications from, or affiliation with, industry organizations in the building sector such as AIA, ASHRAE, AEE, CSI and USGBC are desirable

APPLY FOR THIS POSITION

Please send a letter of interest and a resume to careers@Egreenideas.com