

# Position Available: Project Manager / Green Building Consultant



Green Ideas Environmental Building Consultants provide support for building owners, architects, engineers, contractors and facility managers who build and maintain high-performance, sustainable buildings. Our services include high-performance building consulting, energy modeling and analysis, water efficiency consulting, LEED project management, educational programs and product evaluation / documentation services. The Green Ideas team has completed more than 100 LEED certified projects representing over 25 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 company by demonstrating leadership, versatile communication skills, organizational and technical skills, energy literacy, creativity and time management. An effective Project Manager provides clients with high-performance building solutions, options, strategies and technologies to meet their objectives. The Project Manager 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:**

- Research high-performance building strategies and technologies for both internal purposes and client needs
- Serve as a resource to LEED project team members with regard to high-performance 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
- Advise clients regarding energy, commissioning, indoor air quality and other technical issues
- Prepare technical reports, tools and calculators
- Provide technical, organizational and scheduling support to senior level consultants
- Assist in identifying and supporting new business development opportunities related to LEED and high-performance building design and operations

## **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 Reference 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.

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- 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 U.S.

## 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
- Expertise in MS Office Suite Programs with an aptitude for learning 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:

- LEED Accredited Professional with LEED Project Management 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
- Certifications from, or affiliation with, industry organizations in the building sector such as AIA, ASHRAE, AEE, CSI and GBCI are desirable
- Experience or involvement with USGBC / GBCI

## SALARY RANGE:

Green Ideas offers market-competitive salary packages appropriate to the applicant's experience level. The expected range is from \$30,000 to \$60,000.

## APPLY FOR THIS POSITION:

Please send a letter of interest and a resume to [Charlie@Egreenideas.com](mailto:Charlie@Egreenideas.com) or call 602-635-7925.