



eREM

Expeditionary Resource Efficiency Manager Sain Engineering Associates, Inc.

SEA seeks proven Energy Management Professionals to work full-time on-site as a Expeditionary Resource Efficiency Manager(eREM). SEA is a consulting engineering firm established in 1988 specializing in energy efficiency of existing facilities. Led by a consummate team of internationally acclaimed engineers, SEA challenges the brightest and most creative individuals in the energy services industry by providing an entrepreneurial environment that embraces initiative, innovation and results. Our charter consists of three simple and equally critical objectives: (1) Serve our Clients, (2) Fulfill our People, (3) Manage our Business.

Duties

This position performs a wide spectrum of energy engineering functions working on various energy management projects:

- Provide guidance for executive orders, Energy Savings Performance Contracting (ESPC), utility privatization and other legislation regulations related to energy programs, including Measurement and Verification (M&V) protocols and ASHRAE M&V procedures
- Perform duties using Microsoft Office suite for the analysis of energy usage data and develop presentations of findings and proposals for cost-effective solutions
- Apply Energy and Water Reporting System (AEWRS) for energy reporting through understanding of potential utility rates encountered on site, DOE's Super ESPC contracts and other alternative financing vehicles
- Apply fuel logistics and management planning, including inspection for identifying design, cost and payback deliverables for energy, water and waste consumption scenarios; prepare funding documents for program payback across entire base
- Support facility repair and construction activities, including design review and project management for projects
- Identify energy savings projects, coordinate construction and lead projects; support activities to ensure energy and water conservation measures are incorporated into new construction
- Develop Energy Savings Performance (ESP), Utility Energy Services Contracts (UESC) and Energy Conservation Program (ECP) projects
- Facilitate Repair and Renovation (FRR) projects and represent team to coordinate ground assessments and generate projects for design, putting team leaders in charge from concept through completion

Qualifications

An active Certified Energy Manager (CEM) is REQUIRED. The eREM must possess at minimum, one of the following:

- 4 year engineering degree (preferably in mechanical or electrical) from an accredited institution and/or Professional Engineering License with a minimum of 5 years of experience in energy management
- An Environmental Science, Business or related degree from an accredited institution with a minimum of 8 years' experience in energy management
- 2-year technical degree from an accredited institution with a minimum of 10 years experience in energy management
- Non-degreed with a minimum of 12 years' experience in energy management
- *U.S. citizenship is required as well as obtaining secret clearance

Knowledge, Skills and Abilities

- Expertise in energy management programs, resiliency, sustainability and security
- Thorough understanding of load profile data presentation and manipulation; energy audits and energy project development
- Experience providing technical resources and management of energy-related services and working
- Knowledge of various energy estimating software, maintenance monitoring software, and Microsoft Office