



**Energy Systems Group** is looking for a **Development Engineer** to join our Federal team. The position will be remote. Travel 30% to 60% of the time is required, including overnight travel.

The Federal Development Engineer is the primary technical project developer within an ESG Federal Business Unit. As the technical solution leader, Development Engineers are responsible for understanding the technical needs and wants of a customer, and developing a comprehensive solution that meets their needs.

Development Engineers may deal with technical issues that include but not limited to facility energy consumption analysis and reduction strategies, general capital improvements, and even large scale infrastructure projects. The Development Engineer is responsible for managing internal and external resources to develop all aspects of the firm proposal which includes costing, savings, M&V, Operations and Maintenance and construction management.

(Responsibilities)

**To be successful in this role you:**

- Conducts in-depth site surveys to identify mechanical and operating inefficiencies within a facility; analyzes utility bills; analyzes financials; meets with contractors and provides technical solutions that are creative, economical and technically sound
- Facilitate adequate communication among the internal team, sub-contractors, and customers by creating technical plans both written and schematic to convey solutions and risk
- Performs energy savings calculations, operational savings calculations, life cycle cost analysis and feasibility analysis of recommendations and associated risks; provides an energy analysis and establishes guaranteed savings based on the measures proposed
- Creates financial models based on the parameters given by the customer and the results of the projects being developed
- Coordinates with Account Executive and Project Manager to develop and present proposals to customers
- Coordinates with Project Manager to ensure smooth installation and acts as communication link for technical information between the operations team and the sales team
- Identifies and works with subcontractors and consultants to provide technical analysis and descriptions for project installation and to ensure the quality of work delivered exceeds the requirements of the job

**(Qualifications)**

**Your background includes:**

- Bachelor's degree from an ABET accredited Engineering/Technology program or equivalent
- Seven (7) years' experience in a construction or energy service related field
- Must have PE license
- CEM certification

- Proficiency in operating Microsoft Office programs, Adobe, E-Quest, DOE-II, AutoCAD, RIVET, TRANE Trace, or Carrier
- Excellent communication skills, both verbal and written
- Strong customer advocacy
- Maturity and professionalism to effectively handle frequent exposure to senior members at ESG, external organization members, customers, and the general public

**A bonus to have:**

- Demonstrated Federal Market Experience (ESPC or UESC experience highly preferred)
- Strong understanding of at least one of the following:
  - DOE ESPC IDIQ contract language
  - USACE ESPC IDIQ contract language
  - UESC Enabling Documents
  - GSA Schedule 84
- Strong understanding of FEMP and IMPVP M&V protocols
- Familiarity with eProject Builder
- Any of the following certifications:
  - CMVP
  - Any LEED Certification
  - NEBB
  - TAB
  - Any ASHRAE Certification
- Professional License (PE)
- NCESS Record

**What we bring to you**

- Professional growth and development programs including tuition reimbursement
- Comprehensive health and wellness plans for you and your family
- 401(k) Savings Plan
- Paid holidays and paid time off
- Highly competitive salaries and incentive structure

**We want you to know**

ESG is an Equal Opportunity employer dedicated to diversity and inclusion in the workplace. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran. We value talent and understand that our colleagues allow us the opportunity to deliver an exceptional customer experience. We achieve our goals through teamwork and conduct our business with integrity.

Join our world-class team to provide safe, reliable innovative energy efficiency and infrastructure solutions for K-12 schools and universities to local, state and federal government agencies and more.

**ESG: Push Further. Think Beyond.**

**This contractor and subcontractor shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a), and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity, or national origin. Moreover, these regulations require that covered prime**

**contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status or disability.**

#LI-Remote

Apply at <https://www.energysystemsgroup.com/careers.html>