

**JOB TITLE:** Design Engineer

**JOB STATUS:** Full-Time Permanent Employee

**BENEFITS:** 401k matching plan, medical insurance reimbursement plan, vacation, sick leave, bonus

**EMPLOYER:** Hannah Solar Government Services, LLC. A certified SDVOSB company.

**WORK ADDRESS:** NO REMOTE WORK. The job is located at 217 Cember Way, STE C, Summerville, SC 29483

Are you an engineer with a proven track record of moving projects forward with your technical expertise and looking for a career with a growing and innovative energy solutions provider? Hannah Solar is looking for a Project Development Engineer to work in their Summerville, SC offices.

Hannah Solar Government Services is an expert in designing and building renewable energy and microgrid systems. It is veteran-owned and has been awarded the 2021 Gleaming Star Safety Award.

**JOB SUMMARY:** This key member of the team must have a strong design/engineering background with a natural curiosity and keen attention to detail. The right person will also:

- Have the ability to identify key components of a problem to formulate solutions.
- Set, pursue, and attain achievable goals and identify the actions necessary to achieve results.
- Understand and motivate others to create direction.
- Be driven to maximize resources and increase efficiencies.

**PRIMARY RESPONSIBILITIES:**

- Analyze RFPs and specifications for contract requirements to provide a summary review of the overall project.
- Drive to achieve engineering milestones, and manage customer expectations.
- Manage appropriate budgets, understand budget changes, and provide variance feedback.
- Cultivate and maintain effective business relationships with GCs and/or customers, and problem-solve any issues that arise during pre-bid, preconstruction, construction, or post-construction.
- Assist in the design process including performing site visits, evaluating existing electrical infrastructure, performing engineering calculations, understanding and applying the National Electrical Code (NEC) code and power system design principals, and drafting in AutoCAD (electrical one-line diagrams, conduit routing plans, and module layouts) programs to design Solar PV systems, microgrid systems, and battery back-up systems.
- Design array layouts, equipment plans, electrical line diagrams, and routing plans for array interconnection.
- Maintain familiarity with project-specific AHJ, utility, state, and local codes to ensure code compliance.
- Study blueprints, schematics, specifications, and all other documentation and determine methods, materials, and equipment needed to provide a full turnkey installation.
- Prepare preliminary layouts and electrical designs, using AutoCAD, Google Earth, and Helioscope/PVSyst, of Solar PV systems on tops of buildings, in open fields, and in other locations for Government and Commercial proposals.
- Lead and/or assist the Business Development Team & Operations Team in preparing, writing technical Requests for Information (RFIs), and writing formal letters.
- Work with the estimating department to provide technical assistance, design services, and RFQ support for proposals.
- Contact manufacturers and suppliers to obtain current pricing on materials and store information in an organized manner for others to use.
- Take continuing education classes to further knowledge in Solar PV Design, battery microgrid systems, EV Charging Stations, Generators, National Electric Code, and others.

- Support development and ongoing review of standard operating procedures and maintain Engineering technical reference database.
- Live Hannah Solar core values

**WORK DAYS/HOURS:** Typical work schedule is 8:30 AM to 5:00 PM Monday – Friday.

**EDUCATION/EXPERIENCE REQUIRED:**

- Bachelor’s Degree from an accredited university with a degree in Engineering preferably Electrical Engineering.
- 2-5 years of experience

**CERTIFICATES, LICENSES, CLEARANCES AND REGISTRATIONS REQUIRED:**

- Must have and maintain full Covid-19 vaccination per U.S. Government requirements.
- Must be a US Citizen.
- Must have a valid driver’s license and US Passport at the time of employment. Driver’s license and Passport must be maintained as a condition of continued employment.
- Must be able to obtain and maintain US Government security check clearance for access to military and other sensitive US Government facilities and bases.

**DESIRED EXPERIENCES/LICENSES:**

- Military experience (Veteran) is highly desirable.
- EIT Certification with the ability to earn a P.E. license.
- Professional Engineer (P.E.) certification.

**CONTACT:** Only qualified applicants should email their resumes to [applications@hsgs.solar](mailto:applications@hsgs.solar). Review [www.HSGS.solar](http://www.HSGS.solar) to learn more about our Company.