



Siliken Renewable Energy provides full-turnkey commercial and utility-scale photovoltaic solar power worldwide. A new North American corporate headquarters has been established in Carlsbad, CA with a solar module factory in San Diego, CA. We have a core management team with experience in the energy business, are extremely vertically-integrated, manufacture electronics grade silicon and solar panels, design and install solar power systems, provide PPA financing and perform system maintenance. The company offers great pay commensurate with experience along with excellent benefits including:

- Medical, Dental, Vision, and Life Insurance for employee and dependents
- 401K Plan
- Vacation

Senior/Manager Level Solar Photovoltaic Systems Engineer

Number of Positions Open: (1-2)

Description:

The Solar Photovoltaic Systems Engineer provides system support in the analysis and evaluation of incoming Request for Proposals, installation procedures, field surveys, system bidding, system design, logistics, policies, procedures and methods in order to achieve safety and productivity objectives.

Skills/Qualifications:

Engineering Degree or equivalent, California General and Electrical Contracting License (B1, C-10) desirable, Site Development, Planning, Legal Compliance, Design Skills, Decision Making, Informing Others, Project Management, Attention to Detail, Flexibility, Quality Focus, Job Knowledge. Generate data, report, etc. using Word, PowerPoint, Excel spreadsheets, Visio and MS Project. Minimum 3 years PV Solar Design Experience.

Primary Duties/Physical Responsibilities:

The incumbent will plan, organize, supervise and manage PV system implementation.

Solar PV System Engineer Tasks:

- Review incoming Request for Proposals and analyze from a system design and implementation approach.
- Perform site tours nationwide, if required.
- Review labor and hardware vendors for best and cost-effective products.
- Develop and maintain full documentation of issues with and changes to equipment during installation phase including services to/from equipment.
- Confers with management and engineering staff to implement plans and recommendations.
- Track and document manpower needs and utilization for installation and maintenance.
- Develop Operation and Maintenance manuals for each project.



- Develop a comprehensive PM program and schedule for all equipment coordinating with suppliers, engineers and EHS.
- Introduce or recommend changes to work methods, safety measures and work organization.
- Develop troubleshooting procedures and guidelines for maintenance.
- Specifies, analyzes & designs processes and process documentation.
- Plans utilization of solar fields to improve efficiency of operations.

Duties:

- Develops field construction projects by studying objectives and requirements; integrating project with long-range engineering plans; surveying sites; designing staking sheets; completing calculations; listing materials and supplies; developing cost estimates; preparing construction schedules; obtaining approvals and right-of-way easements; coordinating plans, schedules, and requirements with gas, telephone, water, and sewer companies.
- Keeps information accessible by filing plans and documents; updating field engineering maps, drawings, materials, and specifications databases; documenting installations and modifications.
- Provides project status information by collecting and summarizing construction and materials data, and coordinating actions.
- Updates job knowledge by remaining current with regulations; participating in educational opportunities; reading professional publications; maintaining personal networks; participating in professional organizations.
- Accomplishes engineering and organization mission by completing related results as needed.
- Coordinating the efforts and outcome of the electrical, structural and construction engineers.

Updated: 06/05/10