JOB DESCRIPTION

Job Title	**PV System Designer/Electrical Engineer**	**Position Type**	**Full-time**
Location	**San Leandro, CA**	**Salary Range**	**$30 - $37.25**

About Anderson Pine

Founded in 2016, Anderson Pine is an engineering services firm that focuses on solar, water, and land developments. More information is available at www.Andersonpine.net. Our projects include solar developments (ground-mount, commercial rooftop, and carports), hydrology and hydraulic studies, flood control projects, SWPPPs, and construction quantity takeoffs and cost estimates.

Our Mission

Our mission is to plan and design, optimized photovoltaic solar power plants, land developments, and water resource projects with thorough due diligence and extremely professional service.

Vision

We envision a world of clean, healthy, and highly functional, natural and built environments.

Values

Integrity, Focus, Collaboration, Curiosity.

The Position

Anderson Pine is seeking a PV System Designer to create solar photovoltaic and electrical engineering plan sets, perform and review technical due diligence, and on occasion, develop energy production analyses. In addition to possessing the requisite technical skills, a prime candidate will demonstrate strong work ethic and communications skills, integrity, customer focus, and a strong sense of project ownership.

Principle Responsibilities/Key Results Areas

- Design commercial and utility-scale PV systems (ground-mount, commercial rooftops, and carports) that are compliant with all applicable codes, AHJ and utility requirements.
    - Prepare conceptual site layouts and 1-L electrical drawings. Experience preparing full IFC electrical designs is a plus.
    - Utilize AutoCAD, Helioscope, PVComplete, PVSyst or similar software.
- Perform technical review and due diligence of AHJ permitting requirements, studies, and reports - incorporating all requirements into design considerations.
- Perform site assessments and project field visits.
- Manage multiple projects in parallel to meet schedules.
- Develop and manage task order proposals and budgets.
- Manage external resources (i.e. CAD drafters, high voltage subconsultants, etc.) throughout the design process.
- Perform quality control and quality assurance on all drawings developed and received, to ensure all requirements and specifications are met prior to release.
- Continually improve engineering standards and processes and apply lessons learned.

- Stay current on major equipment vendors and key product specifications.

Requirements

Experience & Skills

- 1 to 3 years of experience drafting and preparing electrical plan set documents.
- Helioscope, PV Complete, or similar PV system design software.
- MS Office, Google Earth, Adobe Acrobat, AutoCAD.
- Excellent written and verbal communication skills.
- Ability to effectively communicate with clients and project stakeholders.
- Ability to work independently and prioritize project deliverables.
- PV system design experience preferred. PVSyst experience a plus.
- Land development knowledge and experience a plus.
- International Building Code (IBC), California Building Code (CBC), California Fire Code (CFC), National Electrical Code (NEC), California Electrical Code (CEC)

Education

- B.S. Electrical Engineering, Mechanical Engineering, or Energy Systems

Licensure

- Registered Professional Electrical Engineer or E.I.T. preferred.

Travel / Location

- Multiple times annually to project sites or client offices (<15%)

Physical Requirements

	Regularly	Frequently	Occasionally	Rarely/Never
Sitting	☒	☐	☐	☐
Standing	☐	☐	☒	☐
Walking	☐	☐	☒	☐
Climbing/Balancing	☐	☐	☐	☒
Reaching – with Arms and Hands	☐	☐	☒	☐
Stooping/Kneeling/Crouching/Crawling	☐	☐	☐	☒
Lifting – 1-25 lbs	☐	☐	☒	☐
Lifting – 25-50 lbs	☐	☐	☐	☒
Lifting – 50+ lbs	☐	☐	☐	☒
Talking	☒	☐	☐	☐
Hearing	☒	☐	☐	☐
Feeling/Touching	☐	☒	☐	☐
Vision – Close, Peripheral, Depth, Ability to Adjust Focus	☒	☐	☐	☐

Contact

Email your resume and cover letter to: careers@andersonpine.com