

Engineering Manager

The position of Engineering Manager will report to Vice President of Project Operations and be responsible to manage Engineering Program and Engineering Team.

Summary of Functions

Key functions managed by the Engineering Manager are:

Project Engineering: The primary responsibility of the Engineering Team is project engineering and management of project design which may be performed by design consultants or in-house.

Engineering Team will ensure completion of design package, submittal, coordination and receiving approval from City/County Authority Having Jurisdiction. This includes management of work performed by specialist consultants performing a variety of civil, geo-tech, structural and electrical engineering design services to ensure a quality design that meets project objectives, relevant operational criteria and standards, environmental sensitivities, and site conditions.

The Engineering Manager is also responsible for managing technical/engineering contracts and consultants. Engineering Team will also provide necessary support to the Sales and Development Team on site evaluation, site walk-downs and on technical issues on new prospects. Engineering Team will also support construction activities to ensure adherence to technical requirements and design drawings.

Performance Engineering: Performance engineering responsibilities include evaluation of system component losses and review of performance issues related to modules and systems.

New Technologies and Product Evaluation: Evaluation of new technologies and new products and their applicability on projects is a key function of Engineering Team responsibilities.

Duties & Responsibilities:

- Manage project design performed in-house or produced by engineering contractors and consultants for submittal of completed design for permits from City/County authorities.
- Provide for the selection of design consultants, perform technical liaison with each consultant, and review the technical products of each consultant for quality.
- Provide technical support to project management, construction and O&M teams during construction, testing, utility interconnection, Commercial Operation and during O&M phase as necessary.
- Establish Engineering Department Procedures and Processes and delineate interface requirements with all Project Operations entities and other Client organizations.
- Provide quality assurance procedures to ensure system components are compatible throughout the design.
- Provide procedures and criteria to ensure uniformity in reports, design, drawings, specifications, and other planning and design goals.
- Substantiate design decisions by analyses, evaluations, and studies consistent with acceptable engineering and design practices.

Qualifications:

Successful candidates should have a minimum of 8 - 10 years experience in project design with a large engineering and construction company or a firm in the commercial building industry and at least the last 3 -5 years as an Engineering Manager in the commercial pv solar industry.

Design experience in the commercial solar photo-voltaic industry is a requirement.

BS degree in a relevant engineering field. A degree in Electrical Engineering and a Professional Engineer license is highly desirable.