

Summary: To provide engineering on all CES projects and products involving implementation of CES technology.

Duties and Responsibilities include the following. Other duties may be assigned.

1. Provide technical support to CES Project Managers and Designers by conducting engineering studies and analyses related to CES technologies
2. Work closely with CES design and manufacturing groups to improve performance, reliability, maintainability and safety of the products developed by recommending improvements based on technological and/or market requirements
3. Assist in project planning; includes defining project objectives, design criteria, establishing budgets and schedules, and identifying equipment and manpower needs necessary to meet project timelines
4. Maintain and review project schedules using Primavera software
5. Report on project status; issue technical status reports including budget and schedule tracking to CES management
6. Assist Project Managers in activities such as design, manufacturing, assembly, commissioning and testing of the assigned CES product
7. Work closely with the Project Managers, Director of Manufacturing and Plant Operations Manager to coordinate and track project activity
8. Responsible for writing requests for vendor quotes and purchase requisitions
9. Review supplier and subcontractor invoices and ensure product or materials are delivered per specifications and in a timely fashion
10. Responsible for following necessary design standards and manufacturing codes
11. Works with manufacturers of steam turbines, boilers or other industrial equipment to identify, procure or develop components and/or systems that closely matches project parameters
12. Visit suppliers, manufacturers and/or project sites to check on project status and or assist in assembly of CES equipment
13. Frequent travel to CES test sites (located in Southern California) required to check on equipment or assist in product assembly, commissioning and testing

14. Maintain ongoing contact with Project Managers and Senior Designers to ensure all aspects of work flow, product updates, feasible improvements and problems are addressed and resolved

15. Perform other related duties as assigned

Education/Experience:

Mechanical, Chemical or Aerospace Engineering Degree from four-year College or University required; and/or 5 to 10 years related experience in the power or aeronautical industry; or equivalent combination of education and experience. Project management experience desired.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

The noise level in the work environment is usually moderate.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to do the following:

- Sit for prolonged periods.
- View computer screen for extended periods.
- Keyboarding majority of day.
- Coordinate multiple tasks simultaneously.

Reporting Structure: Position reports to the Vice President, Engineering & Manufacturing

Position type: Full-time Regular employee

Position location:

Clean Energy Systems, Inc.
3035 Prospect Park Drive, Suite 150
Rancho Cordova CA 95670