Contact: Terry McCarthy
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Position: Sr. Design Engineer
Industry: Medical Device
Location: Irvine, CA

Overview

Our client is the premier provider of engineered solutions and professional consulting services across a wide range of engineering disciplines. Since 1972, their clients have benefited from their special in-depth technical knowledge and proven performance in failure analysis, solid mechanics and structural design, reliability and predictive engineering, instrumentation and testing, heat transfer, fluid mechanics, floating systems, forensics, and material science. They maintain an excellent reputation within the industries they serve, with more than 80% of their current business from repeat clients or direct referrals. Their medical and pharma device group is located in Cincinnati, OH with a new office recently open in Irvine, CA to support their west coast clients.

Opportunity

We are currently seeking a Sr. Design Engineer to join the growing team in Irvine, CA to support their Medical Device practice.

The role requires a person with relevant experience, strong cooperative spirit, entrepreneurial-mind and the ability to help grow and lead this market and business segment. We are seeking an individual with exceptional engineering quality while following industry best practices, standards, and methods and who will continuously improve, learn, and grow their technical, interpersonal, and leadership skills.

Responsibilities

As a Design Engineer, you will participate and/or lead and manage projects involving failure analysis, design/process optimization, product development and cost reduction.

Responsibilities will include leading onsite client interactions and technical responsibilities, including:

- Facilitate up-front client engagement to establish project scope, deliverables, timeline, and client requirements to ensure client expectations are met
- Work through all aspects of the product development process, including requirements definition, conceptualization, design, implementation, testing, and documentation
- Participate in meetings with prospective and current clients
- Identify opportunities to bring in new projects/clients
- Collaborate with technical and management staff to present and promote services in the Medical Device and related industries
- Identify market opportunities that enable SES to deliver significant value to customers by integrating our service offerings
- Develop rapport and establish strategic relationships, both externally and internally
- Project Management, including proposal generation, resource planning/allocation and budget tracking

This Engineer will collaborate with local team members and with the Medical Device center of excellence located in Cincinnati, OH. This individual will help lead the growth efforts for the office in Irvine with the support of the Medical Device practice leadership and other Irvine office employees.

Qualifications

- BS in Mechanical Engineering (from an ABET accredited school) with 10+ years of experience or MS in Mechanical Engineering (from an ABET accredited school) with 5+ years of experience required
- Must be highly innovative, have an entrepreneurial spirit and be a self-starter
- Must have strong written and verbal communication skills
- Project Management experience preferred
- Must have strong problem-solving skills
- Must have experience working as part of a multidisciplinary team
- Medical Device or Pharmaceutical industry experience required
- Fundamentals in first principal mechanics knowledge is required
- Experience with CAD software required (SolidWorks experience preferred)
- Experience or knowledge with all phases of the Design Control and Validation processes preferred (familiarity with FDA and ISO 13485 regulations)
- Knowledge of and experience with GD&T preferred
- Data analysis experience preferred (Minitab, JMP, R, Python, or etc.)
- Test fixture design and development experience preferred
- DFM and DFA (or DFMA) knowledge and experience preferred
- Experience in a services or consulting organization is preferred
- Must be able to work in the USA without sponsorship or need for future sponsorship
- Travel is estimated to be 10-30% of the time