



Nuclear Sensors & Process Instrumentation

Round Rock, Texas, USA / www.ultra-nspi.com
Ultra Electronics, Nuclear Sensors & Process Instrumentation is a business name of Weed Instrument Co., Inc.

Job Description

Position: Vice President of Engineering
Department: Senior Staff
Classification: Exempt
Supervisor: President

Purpose of Position

Provide management, direction, and leadership to the Product Engineering and New Product Development processes at Ultra Electronics Nuclear Sensors and Process Instrumentation business. This position interfaces with all facets of the organization to execute both Customer Funded and Private Venture Funded product developments. Engineering is a key interface point for customers, sales and marketing, and production and is directly responsible for >60% of the revenue in the business in any given period.

Key Responsibilities

- Manage the product development team which includes a diverse set of disciplines including electrical engineering, mechanical engineering, materials science, project managers, and CAD design. Duties include but are not limited to, setting goals and expectations for the group and the individuals consistent with the goals of the business, performing annual reviews, providing and supporting training and development opportunities for team members, and encouraging dialog and cooperation between team members and the balance of the organization.
- Develop estimates for products in support of RFP's and RFQ's for customer funded engineering (CFE) designs.
- Own the Ultra Electronics Toll Gate New Product Development process for private venture funded (PV) design projects.
- Work with the Sales and Marketing Group to define time and cost estimates for new PV projects.
- Execute CFE development projects to time and cost budgets with a keen focus on customer's contractual deliverables.
- Report regularly to the Senior Management Team on the status of PV and CFE projects currently in process.
- Maintain the high standards for quality and workmanship of the designs required of the Nuclear and Industrial customers of the business.
- Manage the department's budget including input and review of costs during the annual Operational Budget preparation.
- Work with the Chief Technology Officer on implementation of the technology roadmap for CFE and PV projects.
- Other duties as required

Educational Requirements

- B.S. degree in Engineering discipline required (Mechanical Engineering or Material Science degree preferred) or equivalent combination of degree and experience. MS is desired.

Background and Skill Requirements

- Minimum of 10 years experience in leading engineering or product development in a demanding, regulatory-driven environment (Aerospace, Defense, or Nuclear), or 5 years with an advanced degree, is required.
- Must have experience with the engineering of discrete products or sensors of a technical nature. Experience with measuring or analytical instrumentation, valves, or other highly engineered products is required.
- Working knowledge of the requirements of Safety Related (IEEE Class 1E or RCC-E/M K1) devices is desired.
- Problem analysis and problem resolution at both a strategic and functional level.
- Working knowledge of Project Management systems and techniques including Baselines, Work Breakdown Structures, Forecasting, and Reporting is desired.
- Demonstrated ability to lead people and get results through others.
- Demonstrated experience with cross-functional work teams is required.
- Demonstrated proficiency in Microsoft Office programs is required.
- Ability to undertake a variety of tasks concurrently is required.
- Exceptionally strong oral and written communication skills, drive, energy level, and problem solving abilities will be critical for success.

Ultra Electronics, NSPI
Date: 02/2012

Authorized by: Dan Upp
President

The Company reserves the right to modify, interpret, or apply this job description. This job description in no way implies that these are the only duties, including essential duties, to be performed by the employee occupying this position. This job description is not an employment contract, implied or otherwise. The employment relationship remains "At-Will."