



Job Description

Title: Engineering Project Manager –Contract position (3-4 months)

Department: Echologics – R&D

Reports to: V.P. R&D and Operations

Job Objective: Project Management for Smart Leak Detection products.

Toronto-based Echologics Engineering Inc. is a leader in the development of acoustic technologies that can cost-effectively detect leaks and assess the condition of water mains—without breaking ground. A subsidiary of Mueller Water Products, Echologics has worked with municipalities across North America, and in Europe, South Africa, Singapore and Australia to prioritize water system repairs and improve water conservation.

Project planning coupled with active monitoring and management of new product development encompassing hardware and firmware for leak detection and network elements, software for customer presentation and network management, product validation/SQA, and operations/NPI. Responsible for creating plans working with project leaders, monitoring, coordinating, and driving activities, chair/orchestrating periodic cross-functional project team meetings, actively managing project risks and contingencies, and providing periodic project updates to executive team. Project updates consists of progress, risk and contingencies, and update on key project metrics such as resources, costs and investment.

Utilizes project management tools to manage development process to ensure market and product requirement definitions, system and technical architecture definition, product functional specifications, and product design documents are completed. Plans, organizes and monitors the development, integration testing, required product certifications, and system validation/qualification to ensure high quality and on-time product launch.

The Engineering Project Manager is highly motivated, self-starting, extremely organized, detail oriented, and possesses outstanding communication and project management skills. The successful candidate possesses a professional demeanor and ability to work very closely with Engineering, Product Management, Operations, and all cross functional organizations insuring the entire development is well orchestrated.

Responsibilities:

- New product development planning:
 - Responsible for driving, coordinating, and contributing to the product definition and overall project planning activities.
 - Support product management/systems engineering efforts to generate market and system specifications.
- New product development execution
 - Generates, maintains, and drives project schedules and budgets and compiles project status reports, including key performance indicators, for periodic management review.
 - Orchestrates periodic cross-functional project reviews to provide high degree of coordination amongst all technical disciplines.
 - Actively assesses project technical and schedule risk and develops contingency plans to support project success.
 - Ensures all project deliverables such as drawings, design specifications, and other internal and customer documentation for new products and systems are completed.
 - Coordinates release readiness reviews with manufacturing operation and field operations teams.

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- Support the product development and test personnel during Alpha, Beta, First Article, Product and System Acceptance tests of new products and systems. Help establish and drive best practices for development process and paradigms to ensure successful new product developments as measured by timeliness, product cost, and investment.
- Other duties as assigned

Job Specifications:

- 5 -10 years directly applicable engineering project management experience.
- Extremely proactive/hands-on approach to managing complex and dynamic multi-site projects with an ability to work across boundaries and establish relationships with key stakeholders. Ability to adapt quickly and assess changing priorities. Constant focus on delivering high quality and on-time results.
- Ability to work with functional managers to balance project scope, resources, investment, risk, and time-to-market.
- Hands-on, solution-oriented approach to managing complex projects.
- May be involved with managing projects utilizing 3rd party vendors. Responsible for managing/driving all project management activities with vendor including planning, monitoring, key deliverables and milestones, alignment of plans, etc.
- Experienced user with project management tools such as MS Project or web based tools such as Clarizen or PSNext, or similar tools.
- Impeccable verbal, written, and presentation communications skills.
- High quality workmanship and attention to detail are a must.
- Willingness / ability to travel both domestic and international. Estimated up to 10%.

Education

- BS degree in technical discipline
 - Masters in Engineering Management desirable.
 - PMP certification desirable.