

AMANDA TUEY, EIT

CONTACT

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SKILLS

PRODUCT + PROJECT MANAGEMENT

- Managed product portfolios worth \$5M+, 5-year strategic planning and development, agile decision making
- Bi-weekly executive reporting, project/program budget and timeline tracking, change management (e.g., 25% product cost reduction)
- Commercial proposal generation, customer/supplier relationship management, onboarding facilitation

QUALITY + PROCESS IMPROVEMENT

- Lean principles + six sigma, process optimization, quality management systems, root-cause analysis, corrective and preventive actions
- Financial modeling and analysis, data and analytics-driven decision making

ENGINEERING

- Mechanical design and analysis (DFMEA, modelling and simulations, rapid prototyping)
- Electrical design and analysis (control systems, power systems)

SOFTWARE

- MS Office suite, Google suite, CRM (SalesForce), ERP (Oracle, SAP), Atlassian Jira + Confluence, Azure DevOps, 3D Modeling (SW, NX)

EDUCATION

LEAN GREEN BELT (COURSEWORK)

University of British Columbia

BACHELOR OF APPLIED SCIENCE

University of British Columbia

- Major in Mechanical Engineering
- Minor in Commerce

SUMMARY

I am a results-driven project management professional with a diverse technical background and a strong focus on continuous improvement. Experienced in managing cross-functional teams, optimizing procurement processes, and implementing governance frameworks to enhance operational efficiency. Skilled in stakeholder engagement, contract administration, and risk mitigation to ensure seamless project execution and timely delivery. With a resourceful mindset and strategic problem-solving approach, I am committed to driving business success through structured project coordination and process optimization.

PROFESSIONAL EXPERIENCE

SUBCONTRACTS SPECIALIST

Vancouver Shipyards Co. Ltd. (Seaspan Shipyards)

Nov 2024 - Present

- Led end-to-end subcontracting processes for multiple vendors, from bid evaluation to contract award, ensuring timely and cost-effective procurement aligned with project milestones.
- Streamlined contract administration and governance, managing change orders, payments, and performance tracking to mitigate risks and maintain project schedules.
- Facilitated cross-functional collaboration between procurement, engineering, and project teams to align subcontract deliverables with project requirements, improving stakeholder communication and decision-making.

PRODUCT LINE MANAGEMENT ENGINEER (PRODUCT MANAGER)

Ballard Power Systems Inc.

Oct 2022 - May 2024

- Orchestrated cross-functional product lifecycle management reviews, conducting business case analyses that informed executive decisions, aligning key stakeholder objectives and securing approval for 5-year, \$5M+ product development programs.
- Simplified complex fuel cell engineering concepts into clear communications and engaging presentations, enhancing executive decision-making efficiency by 35% and boosting customer buy-in by 20% for strategic initiatives.
- Directed the development and maintenance of product roadmaps, aligning with business objectives and market trends to support 2 high-impact product launches, achieving all delivery and performance targets.
- Proactively removed roadblocks during product roadmap execution, enabling smooth stakeholder collaboration and achieving 100% on-time delivery of project milestones, supporting an optimized go-to-market strategy.
- Drove business development activities, generating commercial proposals, expanding product applications into new markets, and forming 3 strategic partnerships in high-growth emerging regions.

PRODUCT ENGINEER (+ Co-op)

IFD Technologies Inc.

Jan 2019 - May 2022

- Contributing inventor of mechatronic sensors for the electrical distribution network, resulting in a 12:1 ROI for utilities and enhancing line worker safety by reducing transformer re-energization risks by 20% (Internal Fault Detector. US Patent 63153677, filed February 25, 2021. Patent pending).
- Directed continuous improvement projects by coordinating with manufacturing partners, investigating NCs, and working with external stakeholders (customers and suppliers), resulting in an 82% reduction in defects and scrap.
- Led end-to-end product development for tooling, accessories, and jigs including effective management of design and production verification testing in compliance with CSA and IEEE standards, achieving zero non-conformances (NCs) in the first 3 months post-release and 100% on-time delivery.
- Established a database that improved communication efficiency between production and engineering teams, enhanced accessibility to manufacturing data, and increased traceability, optimizing the NC investigation process by 80%.