

Position – J25-27 Senior Marine Structural Engineer and Project Manager**Position Type** – Full-time, Salary**Salary Range** - \$130,000 to \$165,000 CAD**Location** – Burnaby, BC**Availability** – Immediate**About Westmar Advisors**

Westmar Advisors Inc. (Westmar) is a dynamic and growing advisory and engineering consultancy based in British Columbia. We specialize in industrial and public infrastructure projects across Canada and internationally, offering a blend of strategic advisory and technical engineering services. Our team is committed to innovation, professional integrity, and fostering a collaborative, inclusive culture.

The Opportunity

We are seeking an experienced and client-focused Senior Marine Structural Engineer and Project Manager to join our Burnaby team. This leadership role emphasizes project delivery and technical excellence, engaging directly with clients to develop solutions that align with their business objectives. The successful candidate will combine strategic insight with technical proficiency in marine structures and infrastructure, while also demonstrating strong project management and leadership capabilities.

Advisory Responsibilities*Client Engagement, Strategic Solutions, Feasibility Studies, Stakeholder Communications*

- Collaborate with clients to understand their business goals, operational challenges, and project needs.
- Develop and recommend infrastructure strategies that enhance operational efficiency and support clients' long-term objectives. Carry out terminal capacity analysis and expansion planning, site selection and feasibility studies, and high-level concept development.
- Lead assessments to evaluate the viability of proposed projects or develop concepts to address clients' needs, considering technical, financial, and regulatory factors.
- Serve as a trusted advisor, facilitating clear and effective communication between clients, project teams, and other stakeholders.

Technical Responsibilities*Infrastructure Design, Technical Oversight, Innovation, Field Work*

- Oversee the design, selection, modification, repair, or optimization of marine infrastructure including structural and coastal components of cargo and ferry terminals, municipal and private waterfronts, and industrial facilities.
- Ensure engineering solutions meet industry standards, regulatory requirements, and client expectations. Review deliverables to ensure quality and provide guidance on improvements.
- Identify opportunities to incorporate innovative technologies and methodologies to improve structure design, performance, constructability and sustainability.
- Carry out site visits as required to respond to client requests to deal with emergencies, review the scope of potential work or obtain field data to support projects, discuss or provide solutions or improvements to technical or operational problems, and carry out condition inspections.

Project Management & Leadership Responsibilities*Project Planning, Team Leadership, Budget Management, Risk Mitigation*

- Develop comprehensive project plans, defining scope, budgets, objectives, timelines, and resource allocation. Write concise and accurate proposals.
- Lead multidisciplinary project teams, fostering a collaborative environment that promotes high performance and professional growth, including through mentoring and training.

- Monitor project budgets, ensuring financial objectives are met and resources are utilized effectively.
- Identify potential project risks and implement strategies to mitigate them, ensuring project success and client satisfaction.

Requirements

- 10–15 years in marine structural engineering experience, with a focus on ports, harbours, industrial facilities and waterfront developments.
- Registered as a P.Eng. with Engineers and Geoscientists British Columbia (EGBC).
- Proven ability to engage with clients, understand their needs, and deliver solutions that drive business value.
- Strong knowledge of terminal infrastructure and demonstrated advisory experience.
- Experience managing complex projects, leading teams, and delivering results on time and within budget.

Assets

- High proficiency in Microsoft Excel, Project, Word, and PowerPoint.
- Experience with Structural analysis and modelling software including SAP2000 and STAAD.
- Industry Knowledge: Familiarity with marine and structural hardware, vessels, machinery, and components.
- Experience with industrial facilities in the Pacific Northwest.
- Comfortable working in field conditions, including operating facilities and construction sites.

Why Join Westmar?

A values-driven culture that puts people first—both clients and colleagues.

- Play a key role in shaping projects and client strategies that have a lasting impact.
- Opportunities to advance in project management, technical leadership, business development, and advisory consulting.
- Be part of a team that values innovation, professional integrity, and inclusivity.
- Engage with a wide variety of industries, infrastructure types, project phases from concept development through implementation and optimization, and client challenges.

We look forward to hearing from you, please send resume with covering letter to careers@westmaradvisors.com.