

Position – J25-23 Materials Handling 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 level Materials Handling 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 bulk materials handling systems and infrastructure, while also demonstrating strong project management and leadership capabilities.

What You'll Do

Advisory Responsibilities

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

Technical Responsibilities

- **System Design:** Oversee the design, selection, modification, repair, or optimization of mechanical and materials handling systems, including conveyors, transfer towers, chutes, stackers, reclaimers, rail dumpers, shiploaders, and related infrastructure, and marine infrastructure such as barge and ferry ramps, gangways, and lift systems.
- **Technical Oversight:** Ensure engineering solutions meet industry standards, regulatory requirements, and client expectations. Review deliverables to ensure quality and provide guidance on improvements.
- **Innovation:** Identify opportunities to incorporate innovative technologies and methodologies to improve system performance and sustainability.
- **Field Work:** 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:** Develop comprehensive project plans, defining scope, budgets, objectives, timelines, and resource allocation. Write concise and accurate proposals.
- **Team Leadership:** Lead multidisciplinary project teams, fostering a collaborative environment that promotes high performance and professional growth, including through mentoring and training.
- **Budget Management:** Monitor project budgets, ensuring financial objectives are met and resources are utilized effectively.
- **Risk Mitigation:** Identify potential project risks and implement strategies to mitigate them, ensuring project success and client satisfaction.

What You Bring

Required

- **Experience:** 10–15 years in mechanical engineering, with a focus on bulk materials handling infrastructure and demonstrated advisory experience.
- **Professional Registration:** Registered as a P.Eng. with Engineers and Geoscientists British Columbia (EGBC).
- **Client Focus:** Proven ability to engage with clients, understand their needs, and deliver solutions that drive business value.
- **Technical Expertise:** Strong knowledge of materials handling systems design, implementation, and optimization.
- **Project Leadership:** Experience managing complex projects, leading teams, and delivering results on time and within budget.

Assets

- **Software Proficiency:** High proficiency in MS Excel (including modeling and data analysis), MS Project, Word, and PowerPoint.
- **Design Tools:** Experience with SolidWorks or other 3D modeling/drafting tools.
- **Industry Knowledge:** Familiarity with conveyor and flow modeling software, pulley sizing, and mechanical calculations.
- **Regional Experience:** Experience with industrial facilities in the Pacific Northwest.
- **Field Readiness:** 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.**
- **Impactful Work:** Play a key role in shaping projects and client strategies that have a lasting impact.
- **Career Growth:** Opportunities to advance in project management, technical leadership, business development, and advisory consulting.
- **Collaborative Environment:** Be part of a team that values innovation, professional integrity, and inclusivity.
- **Diverse Projects:** 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.