



Acero Engineering Inc. ("Acero"), a dynamic company providing engineering, procurement and construction management expertise to the Oil and Gas industry is currently seeking a motivated and enthusiastic individual to fill a role as an **Intermediate Civil/Structural Engineer**.

Acero is focused on facility and pipeline engineering, procurement and construction management services; from concept evaluation to plant start-up. Our core service offering is in-house project management, process, civil/structural, mechanical, electrical I&C engineering, project engineering, procurement, regulatory services and construction management.

Acero maintains a core belief that success depends on the development of long-term relationships, forged by providing clients what they ask for – which is not necessarily the same product across the board.

Our clients are typically looking for quick turnaround, flexibility and fit-for-purpose deliverables, with no unnecessary additional frills.

Why do employees stay at Acero? We provide a flexible and trusting team-oriented environment where hard work, discipline and honesty are encouraged and rewarded. We are driven to provide our clients with exceptional service.

#### **Responsibilities:**

- Support the Civil/Structural Lead in the preparation of civil/structural deliverables
- Structural modelling (or direction thereof) including load calculations
- Develop and present pile layouts
- Design (independently) in accordance with design codes/practice: Support Drawings and details, Structural Steel Location Plans for various locations, Floors, Crossovers, stairs & ladders, Structural materials (for most Oil & Gas applications) and specify when to use what type of material/design/member
- Collaborate with Designers in planning and layout for more complicated elements of the project
- Includes the ability to understand and generate (with designers) the following deliverables (with minimal guidance): Civil Location Plans for all locations, Earthworks drawings, and 3D model generation of civil items (for well sites and small/medium facilities)
- Maintain a basic understanding of Civil materials/concepts (soil, loading, roads, etc.) and when to employ what type of design
- Accountable to ensure design compliance with project management procedures, design standards (including providing recommendations for improvements), regulatory, environmental, health and safety requirements
- Specify and requisition materials and equipment
- Monitor project activities including cost and schedule within assigned area. Provide timely updates to management
- Ensure company best practices are implemented in design activities
- Identify critical path of engineering deliverables pertaining to assigned area within the facilities design
- Coordinate with other Engineering disciplines to ensure comprehensive SOW coverage and interdisciplinary alignment
- Provide project field support during construction and commissioning activities if/as required
- Other tasks/responsibilities, as required

#### **Required Education, Experience and Skills:**

- Minimum Education: Civil/Structural-related degree is required
- Minimum of eight (8) years' EPC experience in the Western Canadian Oil & Gas Industry
- Must be registered as a P.Eng. in the province of Alberta
- Must be familiar with the NBC, Provincial Building Codes, Handbook of Steel Construction, Concrete Design Manual, Foundation Engineering Manual
- Must have experience with Navis and SFrame
- Strong ability to work independently
- Strong written, verbal, analytical and interpersonal skills
- Ability and willingness to work under pressure and tight timelines as occasionally demanded by our clients

**Interested candidates may submit a resume to: [hr@aceroeng.com](mailto:hr@aceroeng.com). No phone calls please.**