

# JOB OPENING

Due to our continued growth, the Questor team is currently looking for a candidate to fill the following position in our Calgary office:

## MANAGER, ENGINEERING & PROJECT MANAGEMENT

### RESPONSIBILITIES:

The responsibilities of the Engineering Manager will change as Questor continues to grow but the following are representative of the current role:

- ❖ Day-to-day management and coordination of Engineering Team tasks and workloads;
- ❖ Mentoring of more junior staff;
- ❖ Apply knowledge of Questor's products to facilitate technical communication with clients (i.e. project meetings, presentations etc.)
- ❖ Use knowledge gained from modeling and other technical means to conduct evaluations in order to recommend appropriate incineration solution for given project(s)
- ❖ Oversight of projects and working with Operations to ensure safe and successful delivery, construction and operation;
- ❖ Involvement with the design of new incinerators, including all ancillary equipment (fuel train, inlet headers, air inlet, interface with PLCs, air arrestor placement and nozzle orientation);
- ❖ Provision of dispersion modeling feedback to clients;
- ❖ Sizing, design and optimization of incinerators based on technical information provided by the clients;
- ❖ Sizing, design and optimization of ORCs and Water Vaporization Units (WVUs) based on technical information provided by the clients;
- ❖ Perform modeling and advanced simulations (such as CFD) of Questor's technologies;
- ❖ Project management, including preparing FEED, DE scope, SOW, budgets and schedules;
- ❖ Client interfacing, coordination of various stakeholders for meetings and project execution;
- ❖ Provision of innovative solutions to operating and maintenance issues
- ❖ Managing of projects to ensure timely completion
- ❖ Update P&ID for each project
- ❖ Ensure that any engineering support is managed, whether by internal or external engineering support;
- ❖ Make recommendations for modifications and/or additions to Questor's technical tools to ensure continuous improvement;
- ❖ Support Sales Team through proposals, promotions, client meetings and general technical input;
- ❖ Visits to fabrication shops, Questor's Field Office and project installations, client sites as appropriate
- ❖ Maintain relevant tickets and certifications in order to access worksites and workplaces (i.e. H2S Alive)

- ❖ Design of equipment using Solid Works and some AutoCAD
  - Create and/or oversee manufacturing drawings for fabrication and assembly
  - Create engineering drawings for approval and construction (P&ID's, PFD's, electrical, etc.)
- ❖ Perform mechanical and structural calculations with the use of analysis software
- ❖ Size equipment such as pumps, heat exchangers and fans.
- ❖ Ensure designs are in compliance with relevant regulations and industry standards
- ❖ Perform testing of new designs and generate reports/presentations to inform the team
- ❖ Provide support to Operations Team, rental fleet program, input on preventative maintenance, performance testing and general optimization
- ❖ Other duties that may be delegated from time to time

## ABOUT US:

- ❖ Questor is fast growing clean air technology company headquartered in Calgary, Alberta. Our proprietary clean combustion technology is utilized worldwide in the effective management of waste gases ensuring clean air, sustainable development, greenhouse gas reductions, community acceptance and regulatory compliance.
- ❖ Questor and its subsidiary, ClearPower Systems are providing solutions for power generation from landfill biogas, syngas, waste engine exhaust, geothermal and solar sources, cement plant waste heat in addition to a wide variety of projects across the globe.
- ❖ With a focus on solid engineering design, our products enable our clients to operate cost effectively in an environmentally responsible and sustainable manner.

## REQUIREMENTS:

- ❖ Engineering degree in Mechanical, Electrical or Petrochemical
- ❖ Minimum 15 years of Engineering experience and 10 years of managerial experience
- ❖ Professional Engineer with APEGA accreditation is a MUST
- ❖ Project management experience, PMP desirable
- ❖ Previous EPC experience will be considered an asset

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