

Oil & Gas Technology Group

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Oil
&
Gas

Technology Group

"Recruiting Top Talent for
The Upstream Oil & Gas Industry"

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Position Title: **Jr. Rotating Equipment Engineer**

Salary Range: \$115K / Based on Experience

Classification (Full Time or Contract) Full Time / US Citizens / US Green Card only

Location: Houston, TX

Relocation Expenses: YES

Education Requirements: Bachelor's degree in Mechanical Engineering required. BSME

Experience Level: 5 - 8 years of engineering experience

Job Description:

International Company is a general contractor specializing in engineering, procurement, construction and installation of floating production systems including Floating Production Storage and Offloading (FPSO) vessels, Floating Storage and Offloading (FSO) vessels, Tension Leg Platforms (TLPs), Production Semi-Submersibles, Mobile Offshore Production Units (MOPUs) and other new technologies which will meet the challenges of various types of gas production floaters.

- Rotating Equipment Engineer to support FPSO Proposals Engineering group.
 - Must have offshore, FPSO or other floating vessel rotating equipment experience.
 - Tangible experience in detailed design of rotating equipment packages and their applications.
 - In-depth knowledge of industry standards and other applicable codes relating to mechanical systems and rotating equipment, i.e. API, ASME/PTC Codes
 - Actual experience in evaluation of supplier information to determine suitability of requirements, i.e. compressor data sheets, pumps curves, dynamic analysis, etc.

- Specific knowledge of motors, turbines, compressors, fans, gears boxes, and pumps is essential. Knowledge of other process equipment such as heat exchangers, scrubbers and valves is valuable, but not vital.
- Knowledge of machine dynamics, vibration measurement and analysis is preferred.
- Familiarity with operation, maintenance and repair methods of rotating equipment is valuable.
- Evaluate customer technical specifications and prepare RFQ packages for Supplier review.
- Experience with Installation and Commissioning activities is preferred.
- Must have excellent oral and written communication skills to coordinate between various internal/external groups, i.e. Process, CADD, Operations and Suppliers
- Ability to manage a substantial work load and multiple projects at times.
- Must be Computer literate with working knowledge of using E-mail, the Internet, and Microsoft Office products (i.e. Word, Excel, PowerPoint).
- Coordinate clarification meetings with Suppliers and other Engineering groups is essential.
- Occasional travel to Supplier and other company offices may be required. Estimated to be <10% of the time.

Familiar working with compressor, pump and gas turbine suppliers

Familiar with industry codes & standards

Engineering experience of the following rotating equipment

- API-610 high energy Pumps
- API-617 Centrifugal compressors
- API-619 Screw compressors
- API-616 Gas Turbine
- API-618 Reciprocating Compressors
- API-11P Packaged reciprocating compressors

Good communicator

Application engineering & equipment selection experience

The position will be located in the Houston, Texas office, and candidates must be authorized to work in the USA.