



Terms of Reference

Senior Engineer – Gas-to-Shore Project

To enhance and improve efficiency in the petroleum sector of Guyana, the Government of Guyana (GoG) through the Ministry of Natural Resources (MNR) is now inviting all eligible individuals to indicate their interest in the position of Senior Engineer for the Gas-to-Power Project

Guyana's emerging Oil and gas (O&G) industry is one of the most important sectors which contributes to the economy. The development of this sector takes advantage as being the most demanding, challenging, and exciting engineering and technological advances which interests engineers at large. As the O&G industry becomes financially attractive, the various risk of implementation must be investigated in an effective way for managing such O&G projects.

Building and strengthening engineering capability will allow the MNR to determine and optimize value both for initial and long-term investment. Therefore, an exciting opportunity has risen to guide and influence contracting culture in accordance with Government of Guyana policies and procedures, and work towards a more collaborative culture whereby the expertise of the service industry is embraced, and value engineering is maximised.

The Objective of the Role:

The Senior Engineer – Gas-to-Power will play a lead role to review and guide projects in a direction where positive outcomes will be to maximise transparency and the achievement of efficient and competitive value engineering as a standard approach. The role requires liaising with multidisciplinary teams. It presents an excellent opportunity to collaborate closely with both Operator and Government to investigate current and existing procedures which will unlock and develop a more collaborative working approach and contribute significantly to the cost efficiency in the industry, and in so doing, build a strong external profile and network in the industry.

- Manage and coordinate engineering aspects of the Gas-to-Power project including amendment to the Liza Field Development Plan (FDP) and technical input to the EISA;
- Ensure that design for construction, commissioning and operations is integral to delivery in support of Gas-to-Power objectives;

- Ensuring relevant Project Management Team (PMT) and operator Front End Engineering Design (FEED) personnel are provided with relevant technical input
- Review operator FEED documentation and provide technical feedback
- Lessons Learned – lead identification, documentation and appropriate integration of industry lessons learned on previous projects;
- Align PMT, operator FEED Engineering Contractor(s), and third-party consultant scopes.

Scope of Work:

The Senior Engineer will report to the Project Manager and will ensure that the economic project delivery is achieved from all activities in area of Critical Infrastructure. Activities will include:

- Support team to deliver technical quality and integrity throughout the FEED process;
- Support value engineering and procurement review processes;
- Provide alignment with Ministry of Natural Resources Project Management process requirements;
- Implementing HS&E, change, risk and decision management processes
- Create/develop a strategic long-term plan for development of value engineering;
- Collaborate with and develop relationships with multi-disciplinary teams to expand successful equipment/goods categories;
- Establish long-term vision and communicate associated opportunities/risks.

Qualifications and Experience

The Gas-to-Energy Senior Engineer shall at minimum have the following qualifications and experience:

- 10 years of Infrastructure project experience, preferably with onshore pipeline experience
- Ability to influence peers and manage multiple stakeholders at mixed levels;
- Ability to analyse and develop accurate conclusions based on key data;
- Excellent communication, presentation and report writing skills;
- Generate suggestions for improving work and develops innovative approaches and ideas;
- Collaborative and proactive approach to problem-solving;
- Proficient in MS Office, MS Project
- Higher Qualification University Degree in a Facilities Engineering Discipline (Industrial, Mechanical, or Civil/Structural) preferably with Professional/Chartered Status.

Interested candidates must provide information indicating that they are qualified to perform the services including their curriculum vitae, description of similar assignments, experience in similar conditions, and clients' references.