



## INTERNATIONAL ENERGY SERVICES LIMITED

**JOB TITLE:** Senior CAD Designer II – Mechanical/ Piping

**Job Location:** Port Harcourt

### **Job Purpose / Objective**

The CAD Designer supports the Lead and Design Engineers in the Project Delivery Organisation in ensuring effective coordination and delivery of design and engineering work for capital projects. The CAD Designer is ultimately responsible for engineering drafting and modelling of designs within the team and ensures that the engineering design for assigned capital project is carried out safely to applicable codes and standards utilizing industry best practices to achieve error free and on-schedule project delivery.

### **Main Accountabilities**

- Responsible for delivering CAE (computer aided engineering)/CAD (computer aided design) applications for projects, as appropriate for each phase, in line with the corporate goal of competitive and affordable projects execution
- Responsible for Company asset 2D/3D/4D modelling and consistency checks in projects
- Perform the role of Discipline Q-Captain to ensure Flawless Project Delivery
- Work closely with Lead and Senior Design Engineers to resolve any existing or forecasted problems related to drafting quality in design or productivity. Carry out consistency checks on drawings, models etc.
- Apply Company specifications and design manuals in line with the PMF/DCAF to deliver project intents in engineering deliverables CAD and modelling.
- Ensure all engineering discipline requirements and CAD inputs are made into Project documents such as BfD, BDP, BDEP, PES, ITT, etc, in close coordination with other technical disciplines to ensure an integrated delivery.
- Act as technical expert on projects within the project's organization and responsible for the relevant discipline deliverables plan for projects.
- Liaise with the Corporate Engineering and other SMEs/TA to provide appropriate drafting reviews and assurance on projects.
- Provide visible and personal leadership in HSSE to drive Goal Zero from design through construction and operation

### **Job Requirements**

#### **Education**

HND/BSc in any Engineering fields or related courses with CAD Training experience.

#### **Experience**

Extensive experience (7-10 years) in the Oil & Gas industry with direct experience of project engineering, design and construction. At least 5 years should have been spent leading engineering modelling & CAD design work.