



## INTERNATIONAL ENERGY SERVICES LIMITED

**JOB TITLE:** CAD Designer - Mechanical/Piping

**Job Location:** Port Harcourt

### Job Objective(s)

- Participate in the activities of TEA Drawing Office, including update of Mechanical & Piping 2D drawings & 3D models for PDRs & SECs. Ensure that all field verification works are carried out in a safe and efficient way
- Supports the outputs of other disciplines to ensure compliance to Client's Asset Information Management procedures, standards and formats

### Duties & Responsibilities

- Participate in the execution and close out of:
  - As built redlined PDR and SEC
  - Upgrading of documents,
  - Drafting / design request from client's departments and sections.
- Actively participate in the conversion to native files of Client's documents types and incorporate plant change information resulting from project activities using AutoCAD, MicroStation, GTXRaster CAD and Microsoft Office software,
- Produce technical drawings and documentation on AutoCAD to support client's activities as required from projects and discipline in accordance with client's Asset Information Management procedures and applicable standards.
- Assist in the preparation of technical designs for the draft works assigned.
- Review drawings to ensure alignment with client's approved procedures and applicable standards.
- Propose improvements and initiatives on client's CAD activities.
- Incorporate as-built information on assigned drawings and related drawings in a controlled manner and upload into client's EDMS within the specified duration.
- Maintain proper electronic filing system including revision control for all documents and drawings in hand.
- Transfer non-standard file formats into the standardized formats ensuring uniform and complete information
- Ensure all CADed drawings are saved on client's livelink in accordance to the file naming convention
- Compile appropriate reports as required for specific assigned tasks in an accurate and timely fashion.
- Keep abreast of changes to operating procedures, work instructions and control systems related to the function of drawing office
- Send weekly report to team lead on work progress
- Carry out all other activities assigned by supervisor and Line head

### Job Requirements

#### Education

HND/BSc or equivalent in any Engineering discipline preferably Mechanical Engineering.

#### Experience

- Minimum of 5 years' experience in CAD and design works for the oil and gas industry,
- Experience shall include computer use of Microsoft Office as well as CAD specific software (AutoCAD, GTXRaster CAD, MicroStation, etc.).