

# **JOB DESCRIPTION**

**RESPONSIBLE TO:** Technical Director / Project Manager

## **JOB BRIEF**

Create and oversee effective mechanical design solutions for all Multistage International projects, based on sound engineering expertise and a credible background.

Support the Project Manager and Technical Director with tenders, project management and procurement.

Deliver results to an expert level of quality and accuracy, minimising risks and inefficiencies from start to finish.

## **ROLE RESPONSIBILITIES**

1. Accurate engineering calculations e.g. stress and deflection of structures, power and torque of drivetrains.
2. Create engineering drawings from client / consultant specifications and develop to detailed working drawings for manufacture and assembly.
3. Ensure deadlines for design, manufacture and installation are maintained.
4. Carry out site surveys.
5. Compliance with all statutory laws and regulations.
6. Oversee all Mechanical and CAD drawing.
7. Communication & Interpersonal Skills
8. Provide technical support both internally and externally
9. ISO 9000 working environment
10. Travel as required to support projects.
11. Ensure paperwork relevant to your position is dealt with accurately and in a timely manner i.e. drawing registers and issues sheets, technical data sheets, manufacturers' data sheets.

## **DESIRED COMPETENCIES**

1. Provable knowledge of mechanical design and its application, including specification of electrical motors, gears and mechanical systems.
2. Computer literate with proficiency in AutoCAD, Structural Analysis Software packages – STAAD Pro or similar, Excel and other MSOffice programmes.
3. Polite, factual communicator, comfortable in a regulated environment.
4. Comfort with practical design, and a breadth of successful industry projects to prove.
5. Familiarity with working on site would be an advantage.
6. Engineering Degrees preferred, especially Mechanical Engineering. IME membership and CSCS qualification are an advantage.