



Principal - Engineering Design

Reports to: Director
Location: London

Summary

Leveraging your creativity, expertise and enthusiasm for design, engineering and management, you will work with our teams to develop technically challenging and innovative products from early ideas to production.

You will have a mind for engineering and product design, confidence in your own skills and sound experience of implementation into manufacture. Working in industry or consultancy, you will already be familiar managing projects and project teams. After suitable induction, development and support from our other senior staff, you will manage PDD projects as well as review the work of other teams, taking responsibility for commercial success and client relationships alongside the quality of technical design.

Key Responsibilities & Accountabilities

- Interpret briefs, prepare proposals, plans and requirements specifications
- Resource project teams, inspire and lead staff and manage work and subcontractors to timescales and budgets
- Steer inventive, appropriate and practical technical concepts and assess feasibility
- Develop concepts into reliable and robust designs, prototypes and manage testing
- Oversee the detailing and documentation for manufacture; including engineering drawings, tolerances and specifications
- Check control documents including presentations, reports and schedules
- Lead the client project relationship, communication and presentation
- Operate within the PDD quality system and the wider regulatory framework

Requirements

We are looking for a talented and dynamic Engineer with the technical, communication and management qualities to ensure innovative solutions, successful projects and ongoing client relations.

Minimum requirements include:

- 1st or 2:1 Master's Degree in Mechanical, Electronics or Aerospace Engineering or Physics
- 10-15 years' experience in engineering design, preferably with some in consultancy and medical devices
- Proficient in 3D MCAD (Solidworks or CREO) or Electronics equivalents
- Familiar with volume manufacturing processes and materials and corresponding tolerance analysis
- Excellent written and verbal presentation skills
- Able to develop business relationships and ongoing work

Ideally you also have experience in the following areas:

- Structural, mechanism and fluid technology
- System level design including electronics and software integration
- Projects with significant quality & regulatory requirements

PDD

PDD is a design and innovation consultancy creating physical and digital products and experiences that drive our client businesses and delight their customers and users. We have been winning awards and serving our long-standing clients since 1980.

With studios in London, Hong Kong, Shanghai and Boston, and working in 6 continents, our experienced managers and talented researchers, designers and engineers help companies in the Medical & Healthcare, Consumer and Industrial & Commercial sectors to grow their businesses through innovation.

We ensure that product and experience solutions are successful by ensuring they are appealing to customers, are feasible and viable for clients to make and are responsible given regulation, society and the environment. Such success creates our future- and it's this sustainable 'win-all-round' business model that excites us- we call it 'Meaningful Innovation'.

We are committed to a workplace environment that promotes diversity across all our studios and this applies to the talent we hire, the customers we work with and the people we interact with on our projects. We offer competitive compensation, a range of excellent benefits and opportunities for international travel. Working with us also opens up new networking opportunities and a chance to engage with colleagues at social events.

To apply for this position, please email careers@pddinnovation.com with a cover letter, your CV and portfolio, if applicable.

We look forward to hearing from you.

PDD Talent Management