



Business Unit	Project Design Engineering
Job Title	Project Design Engineer
Reporting to	Project Design Manager
Location	Cleburne Texas
Date	February 2023

WE ARE CDE.
HERE TO CREATE OUR BEST WORLD, A TON AT A TIME.

Sand is a finite resource, and it's running out. Today, population growth and the pace of progress means the world is devouring sand like never before – 50 billion tonnes a year globally. This demand is unsustainable. Together with our customers we have already diverted over 100 million tonnes of waste material from landfill and put it back into the materials market for use in construction; protecting sand & aggregates in areas where natural material reserves are in decline and enabling production to happen closer to markets. We are minimising environmental impact and laying the foundations for the circular economy.

At CDE we work across the natural processing and waste recycling sectors, in five regions, to pioneer industry-leading, world-changing engineering solutions. Our headquarters are in Northern Ireland, and we have offices in the USA, Australia, Austria, and Brazil. For over 30 years we have relentlessly innovated and co-created wet processing solutions – completing over 2,000 global projects – and we're only getting started. Our purpose is to create our best world, a ton at a time; empowering our customers to transform their materials into valuable resources for the betterment of people, planet, and their bottom lines.

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Job Purpose

Reporting to Project Design Manager – the successful candidate will be responsible for managing and releasing a product as part of a product owner team as well as individual live projects.

Responsibilities

- Manage the on-time completion, adherence to schedule, quality and cost of project design projects from design through to supporting build and installation.
- To produce accurate BOM's, layout and fabrication drawings for projects and manage and liaise with customers and suppliers on design specifics/aesthetics & plant requirements.
- Own a product within a product owner team ensuring quality & cost is monitored and roadmap for product is realised.
- Ensure the design aspect of their assigned product/projects continues to meet and exceed internal and customer expectations.
- Liaison with Suppliers/2020V to ensure design is per manufacturing capabilities.
- Co-ordinate and update Project Design Manager on ongoing assigned work status
- Ensure project related snag work is prioritised and completed promptly.

Other

- To carry out any other duties within reason and capability associated with this role.

NB. this job description is not exhaustive as other duties may be required to fulfil the requirements of the role.

Skills, Knowledge, Attributes and Experience, the successful candidate will:

Criteria	Essential	Desirable
Qualification/ Attainments	Educated to degree or HND/HNC level in an Engineering discipline.	Mechanical Engineering Degree Classification
Relevant Experience	- Minimum 2-3 years' experience in an engineering design office - Experience in BOM Creation, Draughting, Design for manufacture	A proven track record of managing the design of projects (Circa + £0.5m)
Special Aptitudes	- A very high level of Quality awareness - Fluent in 3D CAD - Excellent analytical and problem-solving skills - Good interpersonal skills - Demonstrated effective communication in writing, orally, and through presentations. - Ability to work unsupervised and as part of a team. - Ability to set and meet timelines and motivate team	- Fluent in 2D CAD - Excellent Solid Edge skills
Disposition	- Demonstrate Attention to detail. - Ability to work under pressure. - Dependable and reliable - Enthusiastic, energetic self-starter able to work on own initiative. - Willingness to develop and adapt to new situations. - Positive 'can do' attitude	
Circumstances	- Available to work flexible hours. - Willingness and ability to travel. - Current driving licence and vehicle insured for business use	

CDE are a global company and welcome applicants from all countries and backgrounds. Desirable criteria may be used for shortlisting. The Company reserves the right to vary criteria at the shortlisting stage.