

career opportunities

Business: PMES

Ref: 10/006

Location: Rugeley

Engineer – Principal Engineers - Transit

Job purpose

Specialising in the design, manufacture and supply of electrical products and sub systems. The business is entering into an exciting phase with record order intake, new innovation, product development and they are now looking to recruit a Principal and Senior Electrical Design Engineer.

Reporting to the Engineering Manager, as the Electrical Design Engineer you will join their dedicated project team that is challenged with the task of delivering robust and cost effective power systems and installations, for the transit power section of the engineering department.

Key responsibilities

In this role you will be responsible for a wide range of engineering activities covering all stages of a project from bid to delivery. Working closely with other team members and sub contractors, you will plan and carry out your activities to develop technical solutions, which successfully meet with the overall objectives of your project.

This could involve the specification, design and integration of the following equipment to deliver an operational traction substation:

- AC switchboards, 33 kV, 11kV
- Rectifier and auxiliary transformers
- DC switchboards, 1500Vdc, 750 Vdc
- Modular housing
- LV switchboards
- Battery chargers
- UPS

This will include the detailed design for in house manufactured equipment such as rectifiers, protection panels and other ancillary equipment.

Personal attributes

To succeed as the Electrical Design Engineer you must have the following:

- Previous experience of electrical design, ideally designing power systems or equipment
- A degree (or equivalent) in Electrical Engineering
- Competency in computer based e engineering tools
- A motivated self starter, capable of leading small engineering teams
- Proven track record of leading and motivating others within a team-based, multi skilled environment
- Ability to apply best practice engineering and development techniques

Additionally, you will need to be a motivated self starter who is capable of acting as a technical lead on engineering projects. You should also have excellence attention to detail and strong analytical skills

Applications should be forwarded to Human Resources at: vacancies@ultra-pmes.com

Closing date for application – 13 August 2010

Ultra Electronics is committed to career development both within and across all businesses. If you are interested in the vacancy listed above, please speak to your Manager or local Personnel contact in the first instance.