Power Electronics & Electrical Machines Engineering Opportunities

Based: Gateshead / Home Office ***Salary: Negotiable***

The Company:
Turbo Power Systems Limited is an established UK listed company in Gateshead, Tyne & Wear, with an enviable history of designing and manufacturing high performance electric motors, inverters, motor drives, converters, DC choppers, battery chargers and power supplies.

We are looking to further strengthen our already successful team in the following areas:-

- **Lead Systems Engineer** – Applying an interdisciplinary approach to deliver customer solutions incorporating power conversion technology.

- **Control Systems Engineer** - To develop the control systems design capability within the engineering team particularly in respect to using simulation tools and analytical methods to validate and optimise system control strategies

- **Project Manager** - Responsible for planning, monitoring & delivering multiple power electronics projects on time and within budget.

- **CAD Design Engineer** - designers experienced in VUTRAX / ORCAD or CADSTAR. Would be an advantage of have knowledge of Auto Cad LT or PRO Engineer.

- **Principle Power Electronics Engineer** - Experienced in assessing customer technical requirements, the production of technical specifications / simulation and leading an engineering team to deliver an innovative product.

- **Power Electronics Engineer** - Experienced in development, design and of inverter drives & DC/DC converters.

- **Senior Software Engineer / Manager** – Responsible for the introduction and management of DO 1748B working practices for all engineering software projects.

- **Software/Embedded Engineers** - Experienced in development and design of the operating & communication code for inverters /drives. Experience of C++ essential, Tri-core processor knowledge preferred.

- **Electrical Machines Design Engineer** – responsible for the electromagnetic and electrical design of unique high speed electrical machines which operate at powers between 35kW to 1.2MW and at speeds of up to 10,000 to 70,000 rpm for both motor and generator applications. As part of the design team, this will involve defining the electrical design for new customers, development and cost reduction of projects, as well as FEA analysis, test and validation.

How to Apply:
Interested candidates should write enclosing a covering letter, including current remuneration and c.v. and send it to nhall@turbopowersystems.com or TPS,1 Queens Park, Queensway North, TVTE, Gateshead. NE11 0QD.