

#### Location

- **Wolverhampton**

#### Salary Range

- **Up to £40,000**

#### Benefits

- Carillion Pension Plan
- 26 Days Holiday
- Life Assurance
- Healthcare

#### Qualifications and experience

- Chartered Engineers via the Chartered Institute of Building Services Engineers and/or the Institution of Mechanical Engineers will be considered
- Design qualifications relating to sustainability and carbon reduction techniques would be an advantage
- A minimum of seven years working in the design of electrical building services from a consultancy design background
- Travel is required therefore a full current driving licence is required

## Senior/Principle Mechanical Engineer

### TPS Background

The building services group is one of the most progressive of its kind in the UK. It engineers for value by adopting a creative integration of services and structure, providing effective space provision within a highly maintainable facility, balancing existing functions with future change, whether it is for historical buildings, clean rooms, specialist military facilities or high-tech offices.

We are able to provide feasibility and option studies, conceptual and detailed design together with surveys, assessments, audits and appraisals. In addition we have specialists to advise on technical issues, operations and maintenance.

Alongside mechanical and electrical engineers specialising in the more conventional building services systems the group is supported by specialists in refrigeration systems, fuel storage and handling, aviation systems, vertical transportation, specialist lighting, blast and shock protection and nuclear, biological and chemical protection. These specialists are advising clients, such as the Ministry of Defence, the Metropolitan Police Service and British Aerospace on all aspects of these systems, giving them the confidence that they have taken reasonable precautions to ensure their operations satisfy legal requirements and environmental best practice, and that they will continue to do so in a cost effective manner.

### Description

- The Wolverhampton Building Services Group includes an integrated team of mechanical, electrical and building services engineers providing designs for a wide variety of buildings and facilities, many of these undertaken by fully integrated TPS multidisciplinary teams covering structural engineers and architects.
- As a result of continuous demand for our services we need to recruit a Senior/Principle Mechanical Engineer reporting directly to the Mechanical and Electrical Associate Director in Wolverhampton.
- The work encompasses the design of a wide variety of mechanical and related services for a wide range of different buildings, structures and specialist facilities.
- The mechanical work undertaken by the department includes the design of heating, ventilation and air conditioning systems through to the latest technologies applied for sustainability and carbon reduction requirements. A thorough and sound knowledge of both detail and performance design is required.

### Key Responsibilities

- Our business is design and therefore it will be a key requirement to take responsibility for the preparation and checking of mechanical designs leaving the department and assume the role of mechanical discipline head
- Monitoring sub-contractor designs and installations
- Carrying out surveys, inspections and producing reports
- Keeping up to date with regulations and a commitment to continued professional development
- Management of design projects with cost and programme constraints
- The role will also include the controlling of engineers working within multidiscipline teams
- A thorough understanding of mechanical calculation packages including Cymap and Hevacomp, and taking responsibility of such systems within the department
- Taking responsibility that mechanical designs are compliant with all relevant regulations and CDM requirements
- A thorough understanding of sustainability and carbon reduction technologies

### Other Information

Along with work in the private sector much of the work is public sector based such as the Ministry of Defence, the successful candidate will be required to obtain security clearance up to a high level.

It is anticipated this position may be suitable for an enthusiastic and ambitious Senior Engineer looking for an early progression to Principle Engineer level based on a satisfactory performance.

### To apply for this vacancy

Please contact Scott Burns on 020 8256 4180 or send your CV to [white.paul@tpsconsult.co.uk](mailto:white.paul@tpsconsult.co.uk) & [burns.scott@tpsconsult.co.uk](mailto:burns.scott@tpsconsult.co.uk)