

## **JRC Chief Technical Officer**

### **Primary Job Description**

The Joint Radio Company Ltd (JRC) advises the UK energy sector on issues associated with radio communications. As part of this role, JRC plans and co-ordinates the deployment of radio networks to facilitate the monitoring and control of the energy networks. With an increasing emphasis on automation and the need to establish a much more dynamic energy supply network the market is at an exciting point in its development. To address the increasing demand for support from our Partners we are seeking to enhance the Management team with the recruitment of this new role.

The principle responsibilities of the Chief Technical Officer;

- Act as the Technical Authority for JRC providing guidance and direction to all technical activities undertaken.
- Responsibility for the technical characteristics of the Design & Co-ordination of Operational Control Networks for the Utility Sector;
- Technical oversight and responsibility for core revenue generating activities + Member & Third-Party Consultancy activities;
- Establish and execute long term strategy to expand internal technical capability to increase both Member and Third-Party consultancy activity;
- Build a technical capability within JRC that addresses the future needs of the Utility Network Operators;
- Act as an industry adviser to provide support and insight on the appropriate application of cybersecurity measures to Operational Telecommunications solutions for Industry;
- Act as the JRC Technical Authority responsible for representing the interests of JRC's Members to Government and Regulators;
- Lead the development of Industry Standards that address the developing needs of the Utility Sector for Operational Telecommunications; and
- Oversight and Approval of operational outputs, to include reports, presentations, workshops, etc.

### **Main Skills and Experiences Required**

- Successful track record of developing and delivering technical solutions to address the operational requirements of Industry Operators;
- Experience of developing and leading successful teams in the design and delivery of operational communications solutions to targeted Industry Verticals (e.g. Utility Sector);
- Extensive experience of effective project technical leadership and team management;
- Knowledgeable of communications networks, in particular strategies to optimise network architectures;
- Demonstrable track record of successfully developing and delivering Strategic Business Development initiatives to address Market Developments;
- Actively represent Member interests to establish Policy outcomes that will enable the DNO to DSO transition and facilitate 'Smart Grid' developments;
- The development and application of quality standards to all tasks undertaken;
- Familiar with performing a proof of concept or prototyping exercise to demonstrate or evaluate the feasibility and potential benefits of applying a particular technology, product or toolset to meet a business need;
- Familiar with principles, methods, techniques and tools for the effective management of projects from initiation through to implementation;

- Familiar with methods and techniques for reporting progress and financial conformance against an agreed plan;
- Familiar with statutory health and safety requirements relating to the working environment;

### **General Duties**

- Influencing Technical Project delivery by acting as the Subject Matter Expert (SME) to ensure the achievement of JRC project and financial objectives;
- Co-ordinate industry initiatives sponsored by Member Organisations;
- The provision of analytical and business leadership and the presentation of JRC reports and studies containing technical, quantitative and qualitative analyses.
- Develop and deliver presentations and project proposals.
- Provision of thought leadership with regard to the Utility sector and the ability to present that expertise to clients and at public forums.
- A team leader and collaborative team builder with the ability to lead, motivate, coach and develop a team to achieve high performance individuals, whilst creating a professional working relationship within JRC.

### **Skills**

- Excellent written and oral communications, interpersonal, and intellectual skills;
- Attention to detail, good problem-solving skills;
- Proven experience of delivering complex technical projects on time and within budget;
- Detailed knowledge of the communications sector with extensive experience of developing and delivering successful communication network solutions; and
- Understanding of the design and deployment of Private Telecommunication solutions for Industrial users.

### **Qualifications**

- Degree level or equivalent qualification in a relevant technical discipline.

### **Required Experience**

- At least ten years proven Technical leadership of projects within the communications sector;
- Extensive network of contacts across the communications supply sector;
- Broad understanding of the application of cyber security applications to communications systems to avoid critical operational systems being compromised;
- Detailed knowledge of Telecommunications Systems and the Standards that underpin them;
- Extensive experience of the design and deployment of Telecommunications Solutions for both Private and Public Networks;
- Track record of developing Technical capability within organisations from both a resource and systems perspective; and
- Experience of working within the energy utility sector would be advantageous.