



## **PERSON SPECIFICATION**

### **NOTE TO APPLICANTS:**

Whilst all points on the specification are important, those marked 'E' (essential) are the key requirements. You should pay particular attention to these points and provide evidence of meeting them. Failure to do so may mean that you will not be invited for interview.

**JOB TITLE:** UTMC Engineer

**GRADE:** 8

**DIRECTORATE:** Environment & Transport

**SERVICE:** Transport for Warrington

### **CRITERIA:**

#### **Experience**

- Substantial experience in the Urban Traffic Management and Control discipline e.g. UTC systems, permanent ATC sites, car park guidance, Variable Messaging Signs, Car Park Guidance Signs, common database, SCOOT, UTC, MOVA and journey time monitoring (E) A,I
- Experience of corresponding using developed interpersonal skills, with people who have differing levels of understanding of UTMC and be able to write technical reports. (E) A,I
- Detailed experience and understanding of the statutory requirements, current legislation and national standards in relation to UTMC (E) A,I
- Experience of working on traffic signal maintenance and associated contracts. (E) A,I
- Experience of design, procurement and installation of small traffic signal / pedestrian crossing schemes. (D) A,I

#### **Skills and Abilities**

- Able to write technical reports and correspondence to explain technical issues to a non-technical person. (E) A,I
- Developed interpersonal, communication and presentation skills. (E) A,I
- Organisational and planning skills to determine priorities and manage workload to ensure deadlines are met. (E) A,I
- Ability to develop positive working relationships within the Transportation Service, with Elected Members and stakeholder partners. (E) A,I
- Ability to support the development and mentoring of junior staff within the Traffic Management Team. (E) A,I
- Ability to analyse and interpret traffic signal specifications. (E) A,I,T

- Ability to perform site visits safely to implement configuration changes and check the operation of equipment. (E) A,I
- Ability to interpret network Linsig models and transport assessment results (D) A,I,T
- Ability to obtain traffic flow data from on-site observations for inclusion in traffic signal systems i.e. MOVA/SCOOT. (D) A,I
- An understanding of the various techniques required to validate traffic signal systems. (D) A,I

### **Education/Qualifications/Knowledge**

- A HNC in Engineering or equivalent vocational qualification in a relevant qualification OR substantial experience in the UTMCI discipline. (E) A,I
- Detailed knowledge of legislation relating to UTMCI and associated legislation (such as the Traffic Management Act 2004). (E) A,I
- Knowledge of UTMCI systems and management of traffic (E) A,I
- Knowledge of the Warrington Transport Network (D) A,I
- Knowledge of traffic signal system modes of operation (D) A,I,T

### **Other Requirements**

- Full UK driving licence is required. (E) A
- Attendance outside normal working hours to attend meetings, meet the public or to assist in an emergency situation may be required (E) A,I
- A shift system of working is in operation Monday to Fridays inclusive: 7.30am – 3.30pm or 10.30am – 6.30pm. (E) A,I

### **Commitment to Equal Opportunities**

- Understanding and knowledge of how the UTMCI discipline and associated protocols affect minority groups. (E) A,I
- Ability to understand and demonstrate commitment to equality and diversity. (E) A,I

### **Commitment to Service Delivery/Customer Care**

- Commitment to customer satisfaction and using feedback to improve service delivery. (E) A,I

### **Methods of Assessment key**

**A = Application form, C = Certificate, E = Exercise, I = Interview,  
P = Presentation, T = Test, AC = Assessment centre**