

**National Asset Delivery  
Technical Surveys and Testing**

**Traffic Survey  
06J45 & 06J91 Copdock Interchange**

**Scope**



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## **1 PURPOSE OF THE SERVICES**

### **1.1 Project objectives**

- 1.1.1 The principle objective of this project is to undertake a classified Origin and Destination survey at the traffic signal controlled interchange of the A14J55 at Copdock. A queue count on each approach is also required.
- 1.1.2 The specification that applies to the *services* is included in Section 6

### **1.2 Scope of services**

1.2.1 The *services* to be provided under this contract are:

- (1) 12hr classified Origin and Destination survey between the hours of 0700 & 1900
- (2) Queue counts to be undertaken at 5 minute intervals

### **1.3 Deliverables**

1.3.1 The *Consultant* is required to produce the following deliverables:

- (1) A classified Origin & Destination traffic survey in an easy to understand format (ie excel) in both raw data and final formats (please provide an example of the report and data format to be used as part of the tender submission)
- (2) Queue count which has been undertaken in 5 minute intervals

## 2 EXISTING INFORMATION

2.1.1 A location plan is shown below

2.1.2 Not Used



### **3 CONSTRAINTS ON HOW THE CONSULTANT PROVIDES THE SERVICES**

#### **3.1 General**

- 3.1.1 The *Consultant* Provides the Services in such manner as to minimise the risk of damage or disturbance to or destruction of third party property.
- 3.1.2 The *Consultant* complies with the constraints and meets with the requirements outlined in Appendix 1.
- 3.1.3 The *Consultant* submits information detailing how the *Consultant* will provide the Services to the *Client* prior to the *services* commencing. This information will include any lifting plans, risk assessments, method statements, the *Consultant's* staff training information and any other relevant Health and Safety requirements.

#### **3.2 Working hours & site specific constraints**

- 3.2.1 The *Consultant's* working hours for site works shall be 0700 to 1900, the surveys should be conducted on a weekday between 10/03/2020 and 17/03/2020.
- 3.2.2 Not Used.
- 3.2.3 The consultant must advise the client of any requirements for traffic management in order to undertake the survey.

#### **3.3 Health, Safety and Environment & Risk Management**

##### Health and Safety requirements

- 3.3.1 In Providing the Services the *Consultant* meets the requirements of Annex 2 of the supplementary constraints relation to health and safety duties.
- 3.3.2 The *Consultant* shall comply with the requirements of Highways England's safety passport scheme and ensure that all of his employees, and any of his subcontractor's, are registered in accordance with the implementation of the scheme. Details on the scheme can be found here:  
<http://www.highwaysafetyhub.com/safety-passport.html>
- 3.3.3 Not Used.
- 3.3.4 Before commencing the construction phase of the *services*, the *Consultant* confirms to the *Client* that adequate welfare facilities are in place. Where the facilities detailed in section 5 are not deemed adequate, the *Consultant* provides all necessary facilities to Provide the Services and to comply with the minimum requirements set out in HSE guidance document L153.

### Environmental requirements

- 3.3.5 In Providing the Services the *Consultant* meets the requirements of Annex 2 of the supplementary constraints in relation to environmental duties.

### Risk Management

- 3.3.6 The *Consultant* identifies, manages and mitigates risks in accordance with the principles of ISO31000.
- 3.3.7 The *Consultant* submits a risk register, which captures all risks associated with the delivery of the *services* including those identified by the *Client*, with his tender and maintains it for the contract period.

## 4 REQUIREMENTS FOR THE PROGRAMME

- 4.1.1 The *Consultant* submits programme to the *Client* with his tender.
- 4.1.2 The *Consultant* Provides the Services taking into account the following programme constraints:
- (i) the *starting date* and *completion date* and any post site works, reporting and review period
  - (ii) The services and other things provided by *Client* (see Section 5)
  - (iii) The 12hr classified traffic count shall be undertaken on a weekday but shall not be undertaken on a Monday or Friday or during a school holiday. The times that the 12hr O & D survey and queue count shall be undertaken is between 0700 – 1900hrs.
  - (iv) The survey should not be carried out on a day when there is a planned closure of the Orwell Bridge or the weather forecast is showing winds of 50mph or above as the bridge shall be closed and vehicles diverted through Ipswich via Copdock Interchange.
- 4.1.3 The programme should be in the form of an activity and time related bar chart, produced as a result of a critical path analysis.
- 4.1.4 The programme should preferably be provided in either a PDF or MS Excel format and cover the full contract period including post site activities. Activities should be clearly defined and named and the programme should detail the following:
- (i) The 12hr classified traffic count shall be undertaken on a weekday but shall not be undertaken on a Monday or Friday or during a school holiday. The times that the 12hr O & D survey and queue count shall be undertaken is between 0700 – 1900hrs.
  - (ii) dates and times associated with the project, including the *starting date*, *completion date* & *Consultant's* planned completion, and any other dates or times that will specifically impact the delivery of the project.
  - (iii) activities associated with delivering the project.
- 4.1.5 The *Consultant* should provide details of the proposed resources (plant, labour, subcontractors etc.) expected to deliver each activity. This information can either be shown on the programme itself or provided in an associated resource statement included in the Proposal for Providing the Services.
- 4.1.6 Not Used.

**5 SERVICES AND OTHER THINGS PROVIDED BY THE *CLIENT***

5.1.1 The client does not provide anything.

## **6 SPECIFICATION FOR THE SERVICES**

- 6.1.1 The *Consultant* shall Provide the Services in accordance with:
- 6.1.2 The survey should be undertaken over a 12hr period between 0700 and 1900hrs. An origin and destination survey shall be undertaken in conjunction with a queue count. The queue count shall be undertaken at 5minute intervals.