

**National Asset Delivery  
Technical Surveys and Testing**

**Scope for 570122 SW Region  
Deflectograph Surveys 2020/21**

**CONTENTS AMENDMENT SHEET**

<b>Amend. No.</b>	<b>Revision No.</b>	<b>Amendments</b>	<b>Initials</b>	<b>Date</b>
0	0	Original version issued with tender	ET	08/02/21

**TABLE OF CONTENTS**

<b>1</b>	<b>PURPOSE OF THE <i>SERVICES</i></b> .....	<b>4</b>
<b>2</b>	<b>EXISTING INFORMATION</b> .....	<b>5</b>
<b>3</b>	<b>CONSTRAINTS ON HOW THE CONSULTANT PROVIDES THE <i>SERVICES</i></b> ...	<b>6</b>
<b>4</b>	<b>REQUIREMENTS FOR THE PROGRAMME</b> .....	<b>8</b>
<b>5</b>	<b>SERVICES AND OTHER THINGS PROVIDED BY THE <i>CLIENT</i></b> .....	<b>9</b>
<b>6</b>	<b>SPECIFICATION FOR THE <i>SERVICES</i></b> .....	<b>10</b>

**LIST OF ANNEXES**

**Appendix 1**   **Supplementary Constraints**

## **1 PURPOSE OF THE SERVICES**

### **1.1 Project objectives**

- 1.1.1 The principle objective of this project is to undertake deflectograph surveys at the locations which have been listed in the survey schedule, including the processing and reporting of the associated data which is collected.
- 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 is carrying out deflectograph survey at the locations listed in the survey schedule. Processing and reporting of data.

### **1.3 Deliverables**

- 1.3.1 The *Consultant* is required to produce the following deliverables:
  - (1) All data collected during the surveys and subsequent reports need to be provided in BCD format for uploading to HAPMS.

## **2 EXISTING INFORMATION**

- 2.1.1 No existing information is required to be updated, however the resulting survey data is to be uploaded to HAPMS following the survey.

FOR INFORMATION ONLY

### **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 weekday nights from 21:00-04:00, allowing time to set up and remove TM. The permitted road space closure time is 20:00-06:00.
- 3.2.2 Any work activities must be carried out within Highways England's boundary.
- 3.2.3 Marker post extents provided on the schedule are approximate and intended as a guide only. Final survey extents for each individual location to be based on chart section and chainage.

#### **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 When implemented, 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.
- 3.3.3 For details of the CDM duty holders, refer to the pre-construction information which can be found in the tender documents.
- 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.

FOR INFORMATION ONLY

## 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 survey season is between 1<sup>st</sup> March and 15<sup>th</sup> June as specified in DMRB CS 229. The *Consultant* must complete the survey within this season. Preferably the survey works should be completed between 1<sup>st</sup> and 31<sup>st</sup> March 2021, however this is subject to road space availability, etc.
  - (iv) The survey report should be made available to the *Client* no more than 2 weeks after the survey has been undertaken.
- 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:
- (1) the *starting date*, *completion date* & *Consultant's* planned completion
  - (2) for each activity, the proposed resources (plant & labour) expected to deliver each activity should be shown on the programme
  - (3) review periods for any reporting requirements
  - (4) key dates for the Client to provide 'services and other things'
  - (5) key dates for co-ordination with Others
- 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 The *Consultant* updates the programme every 4 weeks. The *Consultant* submits an updated programme to the *Client* upon request.



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

5.1.1 The following temporary traffic management will be provided by the *Client* to allow the *Consultant* to Provide the Works:

- (1) Full details will be finalised during mobilisation but is likely to consist of lane closures on the main carriageway with some full carriageway closures at slip road locations.

5.1.2 The other things that will be provided by the *Client* are as follows:

- (1) Welfare facilities will be provided by the principal contractor.

FOR INFORMATION ONLY

## **6 SPECIFICATION FOR THE SERVICES**

- 6.1.1 The *Consultant* shall Provide the Services in accordance with the required standard set out in the DMRB CS 229 Part 3 – Deflectograph and subsequent appendices and National Application Annex.
- 6.1.2 The survey data must be provided in BCD format.

FOR INFORMATION ONLY