

National Asset Delivery Technical Surveys and Testing

Works Information for 570124 Area SW Drainage CCTV Surveys

CONTENTS AMENDMENT SHEET

Amend. No.	Revision No.	Amendments	Initials	Date
0	1	Original version issued with tender	CP	23/12/19

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LIST OF ANNEXES

Appendix 1 Supplementary Constraints

1 DESCRIPTION OF THE WORKS

1.1 Project objectives

1.1.1 The principle objective of this project is to undertake drainage network cleansing (Jetting) and full pipework and chamber defect surveys by CCTV as per CS 551 and CD 535 standards on a schedule of five different site locations.

1.1.2 The specification that applies to the *works* is included in Section 6

1.2 Scope of works

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

- (1) Undertake drainage network cleansing (Jetting) and full pipework and chambers defect surveys by CCTV as per CS 551 and CD 535 requirements. All applicable assets originating within scheduled road section / marker post extents should be surveyed for condition. Surveys should be taken as far as outfall wherever possible. Completed electronic shapefile outputs must be provided post-survey that are compatible with Highways England's DDMS system.

A separate schedule is provided with marker post details, site naming and suggested TM constraints, any additional relevant details for each section as well as anticipated lengths of drain to survey. A drawing highlighting these extents will also be provided.

1.3 Deliverables

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

- (1) Outputs to be as per section 7 of CS 551 – Pipework and chambers defect survey by CCTV.
- (2) Data submission to be as per Section 7.54 inclusive of all requirements within subsections 1 to 5.
- (3) Drainage network cleansing (jetting) of all applicable assets within scheduled road sections.

2 EXISTING INFORMATION

2.1.1 HADDMS Catchments to be Updated;

A30 Goss Moor = Area 1 A30 Catchment 1227

A30 Cockwells Lane = Area1 A30 Catchment 1510

A38 Tideford = Area1 A38 Catchment 1260 & Area1 A38 Catchment 1408

A30 Polyphant Westbound = Area1 A30 Catchment 1373

A30 Alphin Brook = Area1 A30 Catchment 1471

2.1.2 The Drawings listed below apply to this contract. Refer to the site information for details of existing site conditions including ground conditions, limitation on access, position of existing structures etc.

Drawing Number	Title	Revision / Date
A1-001 through to A1-005	570124 Area SW Drainge CCTV Surveys Works Extents	A – 23/12/2019

3 CONSTRAINTS ON HOW THE CONTRACTOR PROVIDES THE WORKS

3.1 General

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

3.2 Working hours & site specific constraints

- 3.2.1 The *Contractor's* working hours for site works shall be night time working hours between 2000hrs and 0500hrs.
- 3.2.2 Employer to provide suitable traffic management and road space booking.

3.3 Health, Safety and Environment & Risk Management

Health and Safety requirements

- 3.3.1 In Providing the Works the *Contractor* meets the requirements of Annex 2 of the supplementary constraints in relation to health and safety duties.
- 3.3.2 The *Contractor* 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.highwayssafetyhub.com/safety-passport.html>
- 3.3.3 For details of the CDM duty holders, refer to the pre-construction information supplied as part of these TST documents.
- 3.3.4 Before commencing the construction phase of the *works*, the *Contractor* confirms to the *Employer* that adequate welfare facilities are in place. Where the facilities detailed in section 5 are not deemed adequate, the *Contractor* provides all necessary facilities to Provide the Works and to comply with the minimum requirements set out in HSE guidance document L153.

Environmental requirements

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

Risk Management

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

4 REQUIREMENTS FOR THE PROGRAMME

- 4.1.1 The *Contractor* submits programme to the *Employer* with his tender.
- 4.1.2 The *Contractor* Provides the Works 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 *Employer* (see Section 5)
- 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) dates and times associated with the project, including the *starting date*, *completion date* & *Contractor's* planned completion, and any other dates or times that will specifically impact the delivery of the project
 - (ii) activities associated with delivering the project
 - (iii) proposed resources (plant & labour) expected to deliver each activity should be shown on the programme
 - (iv) review periods for any reporting requirements
 - (v) key dates for co-ordination with Others
- 4.1.5 The *Contractor* updates the programme every week. The *Contractor* submits an updated programme to the *Employer* upon request.

5 SERVICES AND OTHER THINGS PROVIDED BY THE *EMPLOYER*

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

- (1) Exact TM details to be confirmed on tender award, however it is anticipated that a combination of static lane closures and traffic light closures will be utilised dependant on constraints of each site. Dates, contacts, extents, timings and duration to be confirmed between employer and contractor.

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

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

6 SPECIFICATION FOR THE WORKS

- 6.1.1 The *Contractor* shall undertake the works in accordance with:
- 6.1.2 DMRB standards CS 551 – Drainage Surveys, and CD 535 – Drainage asset data and risk management.
- 6.1.3 Outputs to be as per section 7 of CS 551 – Pipework and chambers defect survey by CCTV.
- 6.1.4 Data submission to be as per CS 551; Section 7.54 inclusive of all requirements within subsections 1 to 5.