

**National Asset Delivery
Technical Surveys and Testing**

Works Information

**569906 - M5 J18-19 SB - Feasibility
Technical Survey
(CCTV Survey)**

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1 DESCRIPTION OF THE WORKS

1.1 Project objectives

- 1.1.1 The principle objective of these works is to ensure that we have accurate and complete data in relation to the existing drainage system so that we can finalise the scheme proposals.
- 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) To carry out CCTV surveys of the existing drainage system within the area shown on drawings HE569906-KIER-HDG-M5_J18_J19-DR-CD-000_01 and HE569906-KIER-HDG-M5_J18_J19-DR-CD-0100_01.

1.3 Deliverables

- 1.3.1 The *Contractor* is required to produce the following deliverables:
- (1) CCTV Drainage Survey, identifying all drainage asset inventory defects and all defects within the existing drainage system, Contractor to comply with CS551 Drainage Surveys & Data, CD535 and all works drawing detailing drainage survey locations as per drawings: HE569906-KIER-HDG-M5_J18_J19-DR-CD-000_01 and HE569906-KIER-HDG-M5_J18_J19-DR-CD-0100_01. Also provide results in dwg, pdf and shp file format. To be compliant with HADDMS.
- (2) In addition to 1.3.1 (1) above, data shall be abstracted from HADDMS and a consolidated dataset uploaded onto HADDMS in shapefile (.shp) format and the existing data archived.

2 EXISTING INFORMATION

- 2.1.1 The details of existing drainage system is shown on drawings; HE569906-KIER-HDG-M5_J18_J19-DR-CD-0100_01. CCTV to be carried out using this drawing, however there may be changes or amendments to the existing drainage system during the CCTV surveys, contractor to amend accordingly.
- 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	Rev.	Date
HE569906-KIER-HDG-M5_J18_J19-DR-CD-000_01	LOCATION PLAN	C 1	March 2019
HE569906-KIER-HDG-M5_J18_J19-DR-CD-0100_01	CCTV SURVEY LOCATION PLAN	C 1	March 2019

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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 works, 19:30 – 06:00.
- 3.2.2 *Contractor* to remain within the Highways Boundaries for the duration of the works, except where agreed with both the *Employer* and the land owner in advance, as per clause 3.1.3.

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 relation to health and safety duties.
- 3.3.2 When implemented, 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.
- 3.3.3 For details of the CDM duty holders, refer to the pre-construction information: '104205-PCI-CCTV SURVEY. 104205 – FRM –Hazard Identification CCTV SURVEY.
- 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.

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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 considering 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)
 - (iii) Works are classified as confined spaces working, and the *Contractor* should include for this within their method statement and risk assessment.
- 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 *starting date*, *completion date* & *Contractor's* planned completion
 - (ii) for each activity, the proposed resources (plant & labour) expected to deliver each activity should be shown on the programme
 - (iii) review periods for any reporting requirements
 - (iv) key dates for the *Employer* to provide 'services and other things'
 - (v) key dates for co-ordination with Others.
- 4.1.5 The *Contractor* updates the programme every 2 weeks. 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) Highways England Scheme Project Manager (SPM) to confirm traffic management. Full design to be undertaken by successful Contractor. It is anticipated that a 4km lane closure will be required.

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

- (1) *Contractor* will be working under a CDM Principal Contractor who will provide welfare facilities. (Change to Contractor to provide welfare facilities if they are the PC)

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6 SPECIFICATION FOR THE WORKS

- 6.1.1 The *Contractor* shall undertake the CCTV survey works in accordance with: drawings with the specified area shown on drawing; HE569906-KIER-HDG-M5_J18_J19-DR-CD-0100_01.
- 6.1.2 The *Contractor* must provide the *works* under a quality management system which:
- (1) is certified to ISO 9001,
 - (2) incorporates an environmental management system which works to the principles of ISO 14001
 - (3) includes requirements for adopting the principles of BS 11000 and
 - (4) Complies with good industry practice and encourages innovation during the contract duration.

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