

**National Asset Delivery
Technical Surveys and Testing**

Works Information for

**605746 A14 EB WB J42 to J50 Coring
Investigation and DCP Survey**

CONTENTS AMENDMENT SHEET

Amend. No.	Revision No.	Amendments	Initials	Date
0	0	Original version issued with tender	RS	03/06/21

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LIST OF ANNEXES

Appendix 1 Supplementary Constraints

1 DESCRIPTION OF THE WORKS

1.1 Project objectives

The principle objective of this project is to undertake coring and DCP testing as stated in the following attachments.

RRP0847 A14 EB-WB J42-J43 Bury St Ed Core Location schedule
RRP0848 A14 EB J44-J45 Core Location schedule
RRP0850 A14 EB J47-J47A Core Location schedule
RRP0851 A14 EB J49-J50 Stowmarket Core Location schedule
RRP0876 A14 J50 EB&WB slips Core Location schedule
RRP0898 A14 WB J46-J45 Core Location schedule
RRP0899 A14 WB J49-J47 Core Location schedule

Provide subsequent report in accordance with the requirements detailed in the specification.

1.1.1 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:

Carry out coring in lane 1 and 2, as per locations shown on the investigations plans supplied by Highways England. Cores to be 150mm diameter to full depth of bound layer with site photos taken of the extracted core and core hole. Carry out DCP testing in core holes as indicated on the investigation plans supplied by Highways England, where safe to do so.

Deliverables

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

- (1) All reporting to be in accordance with the requirements set out in CS 229
- (2) Produce a core log for each core.
- (3) Produce a DCP plot and layer table for each DCP test.
- (4) Provide a brief report on the results, with interpretation.
- (5) All results to be supplied in electronic format and in accordance with CS 229 DMRB

2 EXISTING INFORMATION

2.1.1 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
	RP0847 A14 EB-WB J42-J43 Bury St Ed Core Location schedule	
	RRP0848 A14 EB J44-J45 Core Location schedule	
	RRP0850 A14 EB J47-J47A Core Location schedule	
	RRP0851 A14 EB J49-J50 Stowmarket Core Location schedule	
	RRP0876 A14 J50 EB&WB slips Core Location schedule	
	RRP0898 A14 WB J46-J45 Core Location schedule	
	RRP0899 A14 WB J49-J47 Core Location schedule	

- 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 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 which is attached, CPP & other PCI to be provided upon successful tender.
- 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)
 - (iii) Results to be issued within 2 weeks of completing site work or as soon as reasonably practicable.
- 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:
- Shift Resource
- (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
- 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. CWF to provide TM

Location	No of Shifts (Total Closure)	Number of Cores	Number of DCP
A14 EB J42-J43	2 shifts	66	37
A14 WB J43-J42	2 shifts	53	31
A14 EB J44-J45	4 shifts	72	47
A14 EB J47-J47a		24	17
A14 EB J49-J50		41	25
A14 J50 EB&WB slips	2 shifts	34	23
A14 WB J46-J45	2 shifts	55	26
A14 WB J49-J47		20	20

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 CS 229 DMRB

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