

**National Asset Delivery
Technical Surveys and Testing**

**Works Information for
570124**

**A46 Four Winds Farm MP5/2 to 2/7 FHS
Trial Hole Survey**

CONTENTS AMENDMENT SHEET

Amend. No.	Revision No.	Amendments	Initials	Date
0	0	Original version issued with tender		
1	1	Updated following Kier comments	SKB	15/01/20
2	2	Updated following Kier comments	PS	07/02/20
3	3	Updated following review	BA	09/04/20

FOR INFORMATION ONLY
DO NOT COMPLETE AT THIS STAGE

TABLE OF CONTENTS

1 Description of the works..... 4

2 Existing Information..... Error! Bookmark not defined.

3 Constraints on how the Contractor Provides the Works..... 6

4 Requirements for the programme..... 8

5 Services and other things provided by the *Employer* 9

6 Specification for the works..... 10

LIST OF ANNEXES

Appendix 1 Supplementary Constraints

FOR INFORMATION ONLY
DO NOT COMPLETE AT THIS STAGE

1 DESCRIPTION OF THE WORKS

1.1 Project objectives

1.1.1 The principle objective of this project is to ensure that we have accurate background data on which we can create and 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) Undertake 3 confirmatory trial holes, in strategic locations shown on plans.
- (2) Undertake 2 percolation tests, in strategic locations shown on plans.
- (3) WAC tests x 8 (top and bottom).

1.3 Deliverables

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

- (1) Indicative drawings, complete with measurements, showing the cross section of the strip trench trial holes with existing drainage, STATS, edge of carriageway, and VRS clearly marked. A minimum of two photos shall be provided for each inspection pit, one of which shall give context to the site.

2 EXISTING INFORMATION

2.1.1 See 'HE566124g-Trial Hole Survey-Site Information'

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
HE570124g-WSP-HDG-A46-MP5_7-DR-D-0160_00	SCHEME LOCATION PLAN TRIAL HOLE SURVEY & PERCOLATION TEST PLAN	P3/ 17/04/2020
HE570124g-WSP-HDG-A46-MP5_7-DR-D-0160_01	TRIAL HOLE SURVEY PLAN SHEET 1 OF 1	P3/ 17/04/2020

FOR INFORMATION ONLY
DO NOT COMPLETE AT THIS STAGE

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 **Error! Reference source not found.**
- 3.2.3 Refer to Section 5 for Traffic Management information.

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 which can be found here: 'HE570124g-Trial Hole Survey-FRM04c-PCI'
- 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.

FOR INFORMATION ONLY
DO NOT COMPLETE AT THIS STAGE

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) 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) 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) Traffic management to be confirmed, however it is anticipated that a lane closure with 2-way traffic lights will be required.

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

- (1) If the *contractor* will be working under a CDM principle contractor, state that the welfare facilities will be provided by the principle contractor.

FOR INFORMATION ONLY
DO NOT COMPLETE AT THIS STAGE

6 SPECIFICATION FOR THE WORKS

- 6.1.1 The *Contractor* shall undertake the works in accordance with:
- 6.1.2 Measurements are to include depth from ground level and the offset of each element [Trial Holes].
- 6.1.3 *Contractor* to produce a survey report to clarify the findings of the inspection pits, including suitable cross section drawings to reference for the design and construction of the scheme
- 6.1.4 *Contractor* to provide photos sufficient to support the findings as well as providing context to the position of the Trial Hole.
- 6.1.5 Contractor to feedback any concerns for clashes between proposed drainage pipes/chambers and any STATS or existing highways furniture.
- 6.1.6 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 BS11000
 - (4) Complies with good industry practice and encourages innovation during the contract duration.