

National Asset Delivery
Technical Surveys and Testing
Scope for
HE607428 - A1 NB/SB Newark to
Carlton on Trent – Pavement
Development – Slow Speed GPR
Survey

CONTENTS AMENDMENT SHEET

Amend. No.	Revision No.	Amendments	Initials	Date
0	0	Original version issued with tender	AM	08/03/21

TABLE OF CONTENTS

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

LIST OF ANNEXES

Appendix 1 **Supplementary Constraints**

1 PURPOSE OF THE SERVICES

1.1 Project objectives

The principle objective of this project is to undertake a Slow speed GPR survey at the locations stated in HE607428-KIER-HPV-A1-ML-A-SH-CH-01 & HE607428-KIER-HPV-A1-ML-B-SH-CH-01 schedules and plans and provide subsequent reports and testing in accordance with the requirements detailed in the specification. To the same areas as shown for the FWD survey.

Please note this work is limited to chart sections 3000A1/146, 147, 148, 139 & 137. Refer to locations stated in HE607428-KIER-HPV-A1-ML-A-SH-CH-01 & HE607428-KIER-HPV-A1-ML-B-SH-CH-01 schedules and plans.

All works are programmed to be carried out in 8no. shifts from 21/04/21 to 01/05/21 between 21:00-06:00.

1.1.1 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 are:

- (1) The total scheme extents require a Slow speed 3D GPR survey for the lanes identified in the schedule HE607428-KIER-HPV-A1-ML-A-SH-CH-01 & HE607428-KIER-HPV-A1-ML-B-SH-CH-01 schedules and plans. The results are required to confirm if voiding and/or moisture are present and reinforcement/dowels.

1.3 Deliverables

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

GPR

- (1) Attendance at pre-start meeting – to be arranged upon award.
- (2) The survey shall be carried out in accordance with CS 229 and the resultant data processed and uploaded into HAPMS within 14 days of completion onsite.
- (3) A category A survey is required

2 EXISTING INFORMATION

2.1.1 The Drawings listed below apply to this contract.

2.1.2 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
HE607428-KIER-GEN-A1-ML-Z-DE-CH-0000-01	Location Plan	P1
HE607428-KIER-HPV-A1-ML-A-SH-CH-01 A1 Northbound Schedules and Plans	A1 NB/SB Newark to Carlton on Trent Pavement - Coring/DCP/GPR/FWD/Deflectograph Schedule and Plan	-
HE607428-KIER-HPV-A1-ML-B-SH-CH-01 A1 Southbound Schedules and Plans	A1 NB/SB Newark to Carlton on Trent Pavement - Coring/DCP/GPR/FWD/Deflectograph Schedule and Plan	-
HE607428-KIER-VUT-A1-ML-Z-DR-Z-2700-01 to 05	Existing Utilities Layout sheet	P1

Table 1: Scheme Drawings

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 21:00 to 06:00 Monday to Friday.
- 3.2.2 Refer to environmental assessment.

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 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. 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 HE607428-KIER-GHS-A1_ML_Z-HS-ZS-02 Pre-Construction Information.
- 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
Do not complete at this stage

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* (21/04/21) and *completion date* (01/05/21) and any post site works, reporting and review period
 - (ii) The services and other things provided by *Client* (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* & *Consultant'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) 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 week. 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:

Assumed traffic management for this is as follows;

- Full closure of the A1 northbound carriageway between A1/A46 Newark on Trent to A1/A57/A614 Apleyhead - dates on site NB 27/28/29/30 April.
- Full closure of the A1 southbound carriageway between A1/A57/A614 Apleyhead to A1/A46 Newark on Trent - dates on site SB 21/22/23/26 April
- Full Closures of the slip roads

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

- Welfare facilities will be provided by the Principal Contractor (the TM provider).
- Desktop search for utility information (Type D) survey. This information will be provided to the contractor at the pricing stage. The contractor is not required to send out for this information again.

6 SPECIFICATION FOR THE SERVICES

- 6.1.1 The *Consultant* shall Provide the Services in accordance with National AD Technical Surveys & Testing contract documentation as well as the additional requirements:
- 6.1.2 The Slow speed 3D GPR survey shall be carried out in accordance with CS229 section 5

For Information Only
Do not complete at this stage