

Highways England

Technical Surveys and Testing Engineering and Construction Short Contract

**566552 - A36 Salisbury BD MP64.5-66.4
RS**

Works Information

CONTENTS AMENDMENT SHEET

Amend. No.	Revision No.	Amendments	Initials	Date
0	0	Original version issued with tender	OLR	12-11-19
B	B	Section 2 - drawing details updated and G23 included to survey works.	OLR	10-03-20
C	C	Asbestos demolition and refurbishment survey requirement removed	RL	10-03-20
D	D	Survey details amended	OLR	25-03-20
E	E	Survey details amended	OLR	08-04-20
F	F	Survey details amended	OLR	17-04-20

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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 carry out a pre-inspection condition survey of existing chamber covers.
- 1.1.2 The specification that applies to the *works* is listed in Section 6 and is titled 'Survey Specification: Drainage / Pre-inspection condition survey of existing chamber covers'. This specification and is enclosed with this submission.

1.2 Scope of works

- 1.2.1 The *works* to be provided under this contract are:
1. Mobilisation of survey works,
 2. Pre-survey of affected ironwork chamber covers as detailed on survey drawings HE566552-KIER-HPV-A36_64.5_66.4_A_B_J_K_L_M-SU-CD-0500-01-07 to capture the following elements at each location:
 - a. Type (Class) of chamber cover,
 - b. Dimensions of chamber cover,
 - c. Existing condition of chamber cover,
 - d. Existing depth of brickwork / concrete above cover slab to underneath of frame,
 - e. Existing condition of brickwork / concrete as detailed in item (d),
 3. **This is a visual condition / inspection survey ONLY.**
 4. **All reinstatement works as identified during the survey works, will be undertaken during the construction phase of the scheme.**
 5. **Traffic Management to be provided by Highways England (TM to be night time lane closure for chambers that are located within the running lane, and total closure for any chambers located within the middle of the running lanes).**

1.3 Deliverables

- 1.3.1 The *Contractor* is required to produce the following deliverables:
1. Having carried out the works identified above, the Contractor is to compile a report to include:
 - a. Dimensions of existing features and photographic evidence with particular attention to any defects,
 - b. Proposed remedial works required to be itemised at each location.

2. Refer to Survey Specification: Drainage / Pre-inspection condition survey of existing chamber covers (Document Ref: HE566552-KIER-HPV-A36_64.5_66.4_A_B_J_K_L_M-SU-CH-0000-08) for details.

2 EXISTING INFORMATION

2.1.1 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.

Survey Drawings

Drawing No	Drawing Title	Revision / Date
HE566552-KIER-HPV-A36_64.5_66.4_A_B_J_K_L_M-SU-CD-0500-01	Drainage Survey (Sheet 1 of 7)	C3 / March 2020
HE566552-KIER-HPV-A36_64.5_66.4_A_B_J_K_L_M-SU-CD-0500-02	Drainage Survey (Sheet 2 of 7)	C3 / March 2020
HE566552-KIER-HPV-A36_64.5_66.4_A_B_J_K_L_M-SU-CD-0500-03	Drainage Survey (Sheet 3 of 7)	C3 / March 2020
HE566552-KIER-HPV-A36_64.5_66.4_A_B_J_K_L_M-SU-CD-0500-04	Drainage Survey (Sheet 4 of 7)	C3 / March 2020
HE566552-KIER-HPV-A36_64.5_66.4_A_B_J_K_L_M-SU-CD-0500-05	Drainage Survey (Sheet 5 of 7)	C3 / March 2020
HE566552-KIER-HPV-A36_64.5_66.4_A_B_J_K_L_M-SU-CD-0500-06	Drainage Survey (Sheet 6 of 7)	C3 / March 2020
HE566552-KIER-HPV-A36_64.5_66.4_A_B_J_K_L_M-SU-CD-0500-07	Drainage Survey (Sheet 7 of 7)	C3 / March 2020

Statutory Undertaker Drawings

Drawing No	Drawing Title	Revision / Date
HE566552-KIER-GEN-A36_64.5_66.4_A_B_J_K_L_M-SU-CU-0000-01	Statutory Undertakers Plan (Sheet 1 of 7)	C1 / November 2019
HE566552-KIER-GEN-A36_64.5_66.4_A_B_J_K_L_M-SU-CU-0000-02	Statutory Undertakers Plan (Sheet 2 of 7)	C1 / November 2019
HE566552-KIER-GEN-A36_64.5_66.4_A_B_J_K_L_M-SU-CU-0000-03	Statutory Undertakers Plan (Sheet 3 of 7)	C1 / November 2019
HE566552-KIER-GEN-A36_64.5_66.4_A_B_J_K_L_M-SU-CU-0000-04	Statutory Undertakers Plan (Sheet 4 of 7)	C1 / November 2019
HE566552-KIER-GEN-A36_64.5_66.4_A_B_J_K_L_M-SU-CU-0000-05	Statutory Undertakers Plan (Sheet 5 of 7)	C1 / November 2019
HE566552-KIER-GEN-A36_64.5_66.4_A_B_J_K_L_M-SU-CU-0000-06	Statutory Undertakers Plan (Sheet 6 of 7)	C1 / November 2019
HE566552-KIER-GEN-A36_64.5_66.4_A_B_J_K_L_M-SU-CU-0000-07	Statutory Undertakers Plan (Sheet 7 of 7)	C1 / November 2019

Schedule of affected ironwork chambers to survey are detailed identified within the table below. (Please note, chainages are associated with section node references that are identified on scheme survey drawings)

Ref	Location	Chainage	Approx. Size (mm)	Depth (mm)	Survey Comments
G1	St Mark's RAB	60m	450x450	Unknown	Please refer to 'Survey Specification: Drainage / Pre-inspection condition survey of existing chamber covers', Document No: HE566552-KIER-HPV-A36_64.5_66.4_A_B_J_K_L_M-SU-CH-0000-08
G2	College RAB to St Mark's RAB	1146m	450x450	Unknown	
MH1	College RAB to St Mark's RAB	1096m	600x600	Unknown	
MH2	College RAB to St Mark's RAB	1030m	600x600	Unknown	
MH3	College RAB to St Mark's RAB	955m	600x600	Unknown	
MH4	College RAB to St Mark's RAB	877m	600x600	Unknown	
MH5	College RAB to St Mark's RAB	873m	600x600	Unknown	
MH6	College RAB to St Mark's RAB	866m	600x600	Unknown	
MH7	College RAB to St Mark's RAB	863m	600x600	Unknown	
G3	College RAB to St Mark's RAB	796m	450x450	Unknown	
MH8	College RAB to St Mark's RAB	787m	600x600	Unknown	
G4	College RAB to St Mark's RAB	775m	450x450	Unknown	
MH9	St Mark's RAB to College RAB	386m	600x600	Unknown	
MH10	College RAB to St Mark's RAB	748m	600x600	Unknown	
MH11	College RAB to St Mark's RAB	700m	600x600	Unknown	

Ref	Location	Chainage	Approx. Size (mm)	Depth (mm)	Survey Comments
MH12	College RAB to St Mark's RAB	647m	600x600	Unknown	
MH13	College RAB to St Mark's RAB	559m	600x600	Unknown	
MH14	College RAB to St Mark's RAB	549m	600x600	Unknown	
MH15	College RAB to St Mark's RAB	488m	600x600	Unknown	
G4	St Mark's RAB to College RAB	742m	450x450	Unknown	
MH16	College RAB to St Mark's RAB	400m	600x600	Unknown	
G5	College RAB to St Mark's RAB	380m	450x450	Unknown	
MH17	College RAB to St Mark's RAB	355m	600x600	Unknown	
MH18	College RAB to St Mark's RAB	17m	600x600	Unknown	
G6	College RAB to St Mark's RAB	288m	450x450	Unknown	
MH19	St Mark's RAB to College RAB	937m	600x600	Unknown	
G7	College RAB to St Mark's RAB	106m	450x450	Unknown	
MH20	St Mark's RAB to College RAB	1116m	600x600	Unknown	
MH21	St Mark's RAB to College RAB	1159m	600x600	Unknown	
G8	College RAB	158m	450x450	Unknown	
G9	College RAB	73m	450x450	Unknown	
G10	College RAB	103m	450x450	Unknown	
G11	College RAB	120m	450x450	Unknown	
G12	College RAB	128m	450x450	Unknown	

Ref	Location	Chainage	Approx. Size (mm)	Depth (mm)	Survey Comments
G13	Southampton Rd	25m	450x450	Unknown	
G14	Southampton Rd	156m	450x450	Unknown	
G15	Southampton Rd	170m	450x450	Unknown	
G16	Southampton Rd	476m	450x450	Unknown	
G17	Southampton Rd	488m	450x450	Unknown	
G18	Southampton Rd	500m	450x450	Unknown	
G19	Southampton Rd	535m	450x450	Unknown	
G20	Southampton Rd	585m	450x450	Unknown	
MH22	Southampton Rd	618m	600x600	Unknown	
MH23	Southampton Rd	619m	600x600	Unknown	
MH24	Southampton Rd	686m	600x600	Unknown	
MH25	Southampton Rd	687m	600x600	Unknown	
MH26	Southampton Rd	688m	600x600	Unknown	
G21	Southampton Rd	892m	450x450	Unknown	
G22	Southampton Rd	905m	450x450	Unknown	
G23	St Mark's RAB to College RAB	1072m	450x450	Unknown	

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, between 20:00 and 06:00.
- 3.2.2 Traffic Management provided by Highways England. (Traffic Management to be night time lane closure for chambers that are located within the running lane, and total closure for any chambers located within the middle of the running lanes.)

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 Pack which is supplied with this document.
- 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 an indicative 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 (the dates will be finalised and discussed during mobilisation with the successful contractor. For tender purposes, they are assumed to be; start date - no earlier than 17/06/2020, completion date - no later than 31/07/2020).
 - (ii) The services and other things provided by Employer (see Section 5)
 - (iii) Insert details of any further constraints on the sequence and timing that work that is to be undertaken. Requirements for completion of site work, including any phasing of works, and deadlines for reporting.
- 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 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:

- (i) Night time lane closure for chambers that are located within the running lane, and total closure for any chambers located within the middle of the running lanes. (Full details will be finalised upon successful award of the contract).

6 SPECIFICATION FOR THE WORKS

6.1.1 The Contractor shall provide the Services in accordance with the following:

- (i) Works outlines in 'Section 1 – Description of the Works', and
- (ii) Survey Specification: Drainage / Pre-inspection condition survey of existing chamber covers (Document Ref: HE566552-KIER-HPV-A36_64.5_66.4_A_B_J_K_L_M-SU-CH-0000-08 – A – Survey Spec)