

Highways England Company Limited

Area 12

Maintenance and Response Contract

Scope

Annex 20

**Additional Maintenance and Operational
Requirements**

CONTENTS AMENDMENT SHEET

| Amend. No. | Revision No. | Amendments | Initials | Date |
|-------------------|---------------------|-------------------|-----------------|-------------|
| 0 | 0 | Contract Issue | SOS | Nov 2020 |
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1 Introduction

- 1.1 This Annex defines the additional maintenance and operational requirements that vary from or are not defined within the *Client* plans.

2 Collaborative Custodian Role

- 2.1 No additional operational requirements identified.

3 Incident Management

- 3.1 Road traffic levels apply as per [Area 12 Traffic Designation Rev 0](#)
- 3.2 The *Contractor* maintains Highways England forward command vehicle, as instructed by the *Service Manager*. This includes but not limited to:
- Arranging for toilets to be cleaned weekly if required as well as replenishing toilet facilities.
 - Restocking consumables on the vehicle (e.g. coffee, tea, water in sealed containers, powdered milk)
 - Regular servicing and taxing of the vehicle.

The forward command vehicle is 3.5T VW Gafter, with twin toilets, office seating for 4 personnel, microwave, 110v/240 power source with generator, flood/scene lighting, and airwave.

4 Severe Weather

- 4.1 No additional operational requirements identified.

5 Network Occupancy Requirements

- 5.1 The *Contractor* complies with Area 12 working restrictions as per: [Area 12 working time restrictions Rev 0](#)
- 5.2 The *Contractor* complies with the security and safety requirements specific to Tinsley viaduct. Details of the procedures will be provided during mobilisation.

6 Asset Type: 0300 - Fences, Walls, Screens and Environmental Barriers

- 6.1 The *Contractor* inspects the noise barriers on the M1 Junction 39 and M621 Junction 7, as instructed by the *Service Manager* and in accordance with the maintenance manual provided within the Network Information Section 1.9.2

7 Asset Type: 0400 - Road Restraint Systems (Vehicle and Pedestrian)

- 7.1 The *Contractor* checks all safety barriers (excluding concrete barriers and pedestrian guard rail) every 2 years, in line with the cyclic maintenance activities. The *Contractor* captures and records inspection results electronically in a manner compatible with Highways England data systems and in accordance with the ADMM.

8 Asset Type: 0500 - Drainage and Service Ducts

- 8.1 The *Contractor* cleans priority and non-priority soakaways (lagoon/ infiltration, pond, borehole and trench), as instructed by the *Service Manager*. Asset information is provided within the Network Information Section 1.4.
- 8.2 The *Contractor* clears gully covers, as instructed by the *Service Manager*. Asset information is provided within the Network Information Section 1.4.
- 8.3 The *Contractor* cleans / empties interceptors, as instructed by the *Service Manager*. Asset information is provided within the Network Information Section 1.4.
- 8.4 The *Contractor* cleans manholes by removing all material that could impair operation, as instructed by the *Service Manager*. Asset information is provided within the Network Information Section 1.4.
- 8.5 The *Contractor* maintains vortex grit separators in accordance with manufacturer's requirements, as instructed by the *Service Manager*.
- 8.6 The *Contractor* services balancing ponds' control devices to ensure correct operation of the ponds, services the gates and locks to ensure accessibility and clears obstructions (including vegetation) to allow access to the inlets and outlets, on an annual basis, as instructed by the *Service Manager*.
- 8.7 The *Contractor* clears all ditches, as per GM 701 Asset Delivery Asset Maintenance Requirements, and as listed within Price List Schedule A and state in the Specifications, by removing all material that could impair operation (weed / vegetation growth, silt, debris/rubbish, or eroded banks where present that impede flow and impair operation).
- 8.8 When clearing silt and material that could impair operations from balancing / attenuation ponds, the *Contractor* ensures that the activity is carried out on 10% of balancing / attenuation ponds every year.

9 Asset Type: 0600 - Geotechnical Assets

- 9.1 No additional maintenance and response requirements identified.

10 Asset Type: 0700 - Pavements / Paved Areas

10.1 No additional maintenance and response requirements identified.

11 Asset Type: 1200 - Traffic Signs and Road Markings / Studs

11.1 No additional maintenance and response requirements identified.

12 Asset Type: 1300 - Lighting

12.1 No additional maintenance and response requirements identified.

13 Asset Type: 1500 – Roadside Technology

13.1 The *Contractor* provides services covering CCTV and Intruder Detection Systems at Tinsley Viaduct as per the planned maintenance and service agreement provided in the Network Information Section 6, as instructed by the *Service Manager*.

13.2 The *Contractor* checks functionality and cleans CCTV PTZ cameras annually

13.3 The *Contractor* maintains anemometers, as instructed by the *Service Manager*. This includes testing and calibrating pre-winter and mid-winter season twice per year.

13.4 The *Contractor* maintains magnetometers, as instructed by the *Service Manager*.

13.5 The *Contractor* provides services associated with Arqiva Tower for the duration of the Service Period as per the details provided in Network Information Section 6.

13.6 The *Contractor* maintains all forms of detection systems, not listed under Table E/A.8 of ADAMr, as instructed by the *Service Manager*.

13.7 The *Contractor* carries out maintenance and service of speed enforcement cameras on the A616 and A61, excluding activities carried out under GM 701, in accordance with the maintenance and service level agreement provided in the Network Information Section 6, as instructed by the *Service Manager*.

13.8 The *contractor* complies with the alternative technology defect categories for the sub asset types provided within [Area 12 technology defect categories Rev 0](#)

14 Asset Type: 1700 - Structures

14.1 The *Contractor* maintains and rectifies defects associated with electrical components of the box bridges structures presented in the Network Information Section 1.14, as instructed by the *Service Manager*.

15 Asset Type: 2200 – Tunnels (NOT USED)

16 Asset Type: 3000 – Landscape and Ecology

- 16.1 The *Contractor* manages locations with Dutch Elm diseased trees and Ash dieback and carries out tree cutting and disposal activities, as instructed by the *Service Manager*.
- 16.2 The *Contractor* maintains landscape and ecology as per the Environmental Management Plans and the Landscape Management Plans provided within Section 1.7 of the Network Information, as instructed by the *Service Manager*.

17 Not used

18 Asset Type: 4000 - Sweeping and Cleaning

- 18.1 No additional maintenance and response requirements identified.

19 Other Duties

- 19.1 The *Contractor* carries out inspections for network safety as instructed by the *Service Manager* and in accordance with Scope Annex 30 These are undertaken by patrolling the Affected Property on a frequency defined by the *Client*. The methodology for undertaking inspections shall depend upon the network characteristics, its accessibility and the safety of inspection. Vehicles should be compliant with Highways England’s Visual Identity requirements (refer to Annex 3). Inspections are carried out only after completion of the appropriate dynamic risk assessment and are undertaken in line with all local arrangements. Footways and cycleways not visible from the driven inspection are inspected on foot.
- 19.2 The *Contractor* conducts Lighting Operational Inspections (“scouting”) to check for outages of illuminated signs and road lighting in accordance with the requirements of TS 501, as instructed by the *Service Manager*.
- 19.3 The *Contractor* reports inspection and survey results using the templates and forms agreed with the *Service Manager* prior to undertaking the inspection or survey, including inputting inspection data into Highways England systems where required.
- 19.4 The *Contractor* maintains fuel levels as below:

| Depot | Fuel Type | Maximum fuel storage capacity (Gas Oil Litres) | Maximum fuel storage capacity (DERV Litres) | Minimum fuel storage (Litres) |
|------------|-------------------|--|---|-------------------------------|
| Ainley Top | Ultra low Sulphur | 15,000 | 15,000 | 7,500 |
| Aston | | 15,000 | 15,000 | 7,500 |
| Birdwell | | 15,000 | 15,000 | 7,500 |

| | | | | |
|--------------------|-----------------|--|--------|-------|
| Broughton | Winter Grade | 15,000 | 15,000 | 7,500 |
| Shillinghill | | 15,000 | 15,000 | 7,500 |
| Sprotbrough | | 15,000 | 15,000 | 7,500 |
| Tingley | | 15,000 | 15,000 | 7,500 |
| West Cowick | | 15,000 | 15,000 | 7,500 |
| Additional depot 1 | | details will be provided during mobilisation | | |
| Additional depot 2 | | | | |

- 19.5 The *Contractor* provides contingency fuel to the *Client* Traffic Officers, *Client* inspectors, National Vehicle Recovery Service and other vehicles in the event of a national shortage, as instructed by the *Service Manager*.
- 19.6 The *Contractor* carries out the enhanced maintenance activities specific to the A1033 as per [A1033 Enhanced Maintenance Activities List](#), as instructed by the *Service Manager*.
- 19.7 The *Contractor* ensures provision of SIM cards for interceptors, fuel tanks, Portable Variable Message Signs, and depot CCTV cameras for the duration of the *Service*, as instructed by the *Service Manager*. Refer to Network Information Section 5.7 for existing SIM cards.
- 19.8 The *Contractor* designs, supplies and installs 2,500 litre bunded Adblue tanks incorporating secured single pump delivery system in each depot, as instructed by the *Service Manager*. The *Contractor* provides suitable bases and all electrical supplies required for the installation and operation of the storage / delivery installation. The tanks shall be self-bunded or double skinned on hard standing. The capacity of the outer tank shall be 110% of the inner tanks.