

Highways England Company Limited

Area 3

Maintenance and Response Contract

Scope

Annex 20

Additional Maintenance and Operational Requirements

CONTENTS AMENDMENT SHEET

Amend. No.	Revision No.	Amendments	Initials	Date
0	0	Tender Issue	SOS	21/10/2020
1	0.1	Updated maintenance requirements for Asset Type 1500 – PTZ cameras	SOS	20/11/2020

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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* Requirements.

2 Collaborative Custodian Role

- 2.1 No additional operational requirements identified.

3 Incident Management

- 3.1 Road traffic levels apply as per [Area 3 Road Traffic Designations Rev 0](#)

4 Severe Weather

- 4.1 The *Contractor* provides severe weather services for the M3 Junction 6 Black Dam Roundabout as per [M3 Junction 6 Black Dam Salt Route Rev 0](#)

5 Network Occupancy Requirements

- 5.1 The *Contractor* complies with Area 3 working restrictions and embargo dates as specified by the *Client*. Current embargo dates are provided here for illustration: [Area 3 Embargo Dates 2020/2021 Rev 0](#)

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

- 6.1 The *Contractor* repairs boundary fences within Black Dam Roundabout, as instructed by the *Service Manager*.

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

- 7.1 The *Contractor* deploys, inspects and maintains SwiftGate Automated Taper systems, as per the requirements within the feasibility report provided within the Network Information, as instructed by the *Service Manager*.

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 stated 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 The *Contractor* clears weed/vegetation growth and debris, clears, recuts drainage Grip inlet and non piped drainage Grips annually.
- 8.9 The *Contractor* carries out mechanical and electrical maintenance, replacement of parts or renewal works for pumping stations as instructed by the *Service Manager*. A list of pumping stations is provided in the Network Information Section 1.4
- 8.10 The *Contractor* empties and clears gullies within Black Dam Roundabout twice a year, as instructed by the *Service Manager*.
- 8.11 The *Contractor* clears weed growth and debris from grips and counterfort drains within Black Dam Roundabout six times per year, as instructed by the *Service Manager*.
- 8.12 The *Contractor* sweeps v channels within Black Dam Roundabout twice a year, as instructed by the *Service Manager*.

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 The *Contractor* purchases and maintains the license required for Portable Vehicle Message Signs. This includes payment of an annual fee for accessing the web-based application (Web Studio) used for operating each unit to M-Vis BARTCO.

The *Contractor* cleans sign faces within Black Dam Roundabout annually, as instructed by the *Service Manager*.

12 Asset Type: 1300 - Lighting

12.1 No additional maintenance and response requirements identified.

13 Asset Type: 1500 – Roadside Technology

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

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

13.3 The *Contractor* maintains the Stopped Vehicle Detection (SVD) system (Excluding Hindhead Tunnel SVD) once a year, including cleaning of the detector head, and replaces the drive belts every 5 years, as instructed by the *Service Manager*.

13.4 The *Contractor* checks the rotation mechanism for mechanical signs as part of the cyclic maintenance activity in schedule A.

13.5 The *Contractor* repairs defects associated with technology cabinets, as instructed by the *Service Manager*.

13.6 The *Contractor* checks functionality and cleans CCTV PTZ cameras annually.

14 Asset Type: 1700 - Structures

14.1 No additional maintenance and response requirements identified.

15 Asset Type: 2200 – Tunnels

- 15.1 The *Contractor* provides additional Tunnel maintenance, operational and incident management services, as instructed by the *Service Manager*. The current tunnel service regime is [Area 3 Hindhead Tunnel Service Regime Rev 0](#).

Tunnel management documents are provided within the Network Information Section 1.15 for information.

- 15.2 The *Contractor* checks operation of CCTV PTZ camera and equipment every three months, checks tightness and security of all external fastenings one month after installation and 6 Monthly after, checks electrical cables for signs of wear and cleans the camera lenses twice a year

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*.

- 16.3 The *Contractor* removes vegetation to maintain sight lines visibility within Black Dam Roundabout six times per year, as instructed by the *Service Manager*.

- 16.4 The *Contractor* maintains Hart Farm cycleway (alongside the A27) from Farlington Marshes car park to Harts Farm Way, Havant, as instructed by the *Service Manager*.

Note: The toilets, soft estate and road from the island to the car park are maintained by Dorset County Council. Access to the lorry pack is via Brocks Pine Eastern Road car park (OSGR 467548/104289) is located in the south west corner of the A27 junction with A2030 Eastern Road.

17 Not used**18 Asset Type: 4000 - Sweeping and Cleaning**

- 18.1 The *Contractor* carries out a full sweep of running lanes as instructed by the *Service Manager*.

- 18.2 The *Contractor* carries out litter picking to maintain to grade A twice a week at A27 Farlington and three times per week at the A31 Avon Heath Lorry park, as per the

Required Level of Service and Schedule A. The two sites are recorded under Chart Sections 1700A27/146 and 1200A31/486 for ease of reference.

18.3 The *Contractor* carries out litter picking activities within Black Dam Roundabout three times per year, as instructed by the *Service Manager*.

18.4 The *Contractor* sweeps Black Dam Roundabout carriageway twice a year, as instructed by the *Service Manager*.

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	Supplier	Fuel Type & Grade	Maximum fuel storage capacity (Gas Oil Litres)	Maximum fuel storage capacity (DERV Litres)	Minimum fuel storage (Litres)
Bray	Watson Petroleum	Gas Oil & Derv	10000	10000	3000
Chieveley	Watson Petroleum	Gas Oil & Derv	10000	10000	3000
Dummer	Watson Petroleum	Gas Oil & Derv	10000	10000	3000
Easton Lane	Watson Petroleum	Gas Oil & Derv	10000	10000	3000
Hook	n/a	Gas Oil & Derv	7000	22000	n/a
Ower	Watson Petroleum	Gas Oil & Derv	10000	10,000	3000
Park Gate	Watson Petroleum	Gas Oil & Derv	10000	10000	3000
Shefford woodlands	Watson Petroleum	Gas Oil & Derv	10000	10000	3000
Whitley Wood	Watson Petroleum	Gas Oil & Derv	10000	10000	3000
Hazel Grove	-	-	0	0	0

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* ensures provision of SIM cards for interceptors, fuel tanks, Portable Variable Message Signs, and depot CCTV cameras for the duration of the Service Period, as instructed by the *Service Manager*.

19.7 The *Contractor* maintains Avon Heath Lorry Park, as shown in the Network Information Section 1.8.4, including the paved areas, street lighting and signage within the boundaries provided, as instructed by the *Service Manager*.