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Planning

Highways England - Roadside Device Diagnostic Tester and Simulator

Highways England

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-022602

Procurement identifier (OCID): ocds-h6vhtk-02dfb9

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Section I: Contracting authority

I.1) Name and addresses

Highways England

2 The Square, Temple Quay House

Bristol

BS1 6HA

Email

Lee.Bryant@highwaysengland.co.uk

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

<https://highwaysengland.co.uk/>

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

National or federal Agency/Office

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Highways England - Roadside Device Diagnostic Tester and Simulator

II.1.2) Main CPV code

- 72000000 - IT services: consulting, software development, Internet and support

II.1.3) Type of contract

Services

II.1.4) Short description

The existing engineer terminal or tester devices for Signals, Signs and MIDAS and Roadside Device Simulators are no longer currently supportable due to technology advances and migrations. The purpose of this requirement is to procure a Roadside device tester and simulator that operates with roadside operational technology equipment in current, legacy and future technology assets.

II.1.5) Estimated total value

Value excluding VAT: £600,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 72222300 - Information technology services
- 72226000 - System software acceptance testing consultancy services
- 72254100 - Systems testing services
- 72267100 - Maintenance of information technology software

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Operational Technology of Message Signs, Signals and MIDAS requires a RTS tool that will enable us to investigate, demonstrate, test, certify and monitor the operational performance of these devices. Highways England is looking for a supplier to work with to develop a new 'Open Source' tool which is intended to operate in the following areas:

- Strategic Road Network (SRN) as a maintenance tool with the Roadside Technology Maintenance Contractors and commissioning and testing and commissioning tool with Delivery Partners on Smart Motorway Schemes.
- Technology Operational Centre and Test and Innovation Centre as a test tool for investigation, analysis, compatibility testing, and performance testing and trailing technology. Supporting the Traffic Technology Division Operational Technology Strategy 2016 being consistent in testing and using agreed standards.
- Third Line Repair Centre as a test tool for performance, acceptance and certification testing.
- Roadside Technology Supplier development tool to enable investigation, acceptance testing, demonstrations, investigation and certification of operational technology.
- Remote Monitoring by data exchange from both RMAS and the RTS enabling system efficiencies and open working.

II.2.14) Additional information

All dates are indicative.

II.3) Estimated date of publication of contract notice

29 October 2021

Section IV. Procedure

IV.1) Description

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

Section VI. Complementary information

VI.3) Additional information

All dates and values are indicative.

The initial contract is for three years from development and delivery within three months of contract award to full operation. After the three-year development contract the RTS requires a support service contract to continue for the remaining product life cycle. Therefore, this requirement needs to be Open Source, so any replacement contract can be openly and fairly tendered.

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