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Contract

Research to support the development of a GB automated vehicle safety and security approval scheme

Department for Transport

F03: Contract award notice

Notice identifier: 2021/S 000-015617

Procurement identifier (OCID): ocds-h6vhtk-0295a2

Published 6 July 2021, 10:45pm

Section I: Contracting authority

I.1) Name and addresses

Department for Transport

London

Email

Dftprocurement@dft.gov.uk

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

<https://www.gov.uk/government/organisations/department-for-transport>

I.4) Type of the contracting authority

Ministry or any other national or federal authority

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Research to support the development of a GB automated vehicle safety and security approval scheme

Reference number

TETI0042

II.1.2) Main CPV code

- 73110000 - Research services

II.1.3) Type of contract

Services

II.1.4) Short description

The Department for Transport have commissioned research to support the development of a GB automated vehicle safety and security approval scheme.

To support the Authority in the development of the scheme, this first phase has been divided into a programme of separate projects (5 in total) referred to as “work packages”:

Work package 1: Safety of the ADS

Work package 2: Defining a codified behavioural ruleset

Work package 3: Scenario generation, selection, and coverage

Work package 4: Non-ADS vehicle requirements

Work package 5: In-use safety monitoring of the ADS

II.1.6) Information about lots

This contract is divided into lots: Yes

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £1,287,863

II.2) Description

II.2.1) Title

Work package 1: Safety of the ADS

Lot No

1

II.2.2) Additional CPV code(s)

- 73110000 - Research services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The vehicle, in which the ADS is installed, must operate safely within its operating environment and for its intended use.

The supplier will develop a means (including technical, administrative and procedural requirements) to determine the Safety of the Automated Driving System (ADS), in the context of its vehicle installation and operating environment, prior to deployment.

II.2.5) Award criteria

Price

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2) Description

II.2.1) Title

Work package 2: Defining a codified behavioural ruleset

Lot No

2

II.2.2) Additional CPV code(s)

- 73110000 - Research services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The supplier will develop, for consideration by the authority, proposals for a minimum codified behavioural ruleset to support safety assurance.

II.2.5) Award criteria

Price

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2) Description

II.2.1) Title

Work package 3: Scenario generation, selection, and coverage

Lot No

3

II.2.2) Additional CPV code(s)

- 73110000 - Research services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

This project assumes that scenarios will play a central role in safety assurance. The use of scenarios is expected both at the manufacturer's verification and validation stage but also at the independent scrutiny stage prior to deployment

The supplier will develop, for consideration by the authority, proposals for scenario generation, selection and coverage to support safety assurance.

II.2.5) Award criteria

Price

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2) Description

II.2.1) Title

Work package 4: Non-ADS vehicle requirements

Lot No

4

II.2.2) Additional CPV code(s)

- 73110000 - Research services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

In addition to the ADS, the scheme shall include technical, administrative and procedural requirements for all other aspects of the vehicle which are important to safety, security and environmental performance, and which would fall within scope of existing approval schemes for non-automated vehicles. Additionally, this work package will also consider necessary amendments to the Construction and Use regulations.

The supplier will develop, for consideration by the authority, proposals for:

- 1) A set of technical, administrative and procedural requirements, covering the whole vehicle (with the exception of the ADS), specifically for the automated vehicle approval scheme (taking into account the existing provisions for vehicles and tri/quadricycles);
- 2) A set of necessary amendments to the Construction and Use regulations

II.2.5) Award criteria

Price

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2) Description

II.2.1) Title

Work package 5- In-use safety monitoring of the ADS

Lot No

5

II.2.2) Additional CPV code(s)

- 73110000 - Research services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The role of in-use monitoring is to provide continued validation of the safety of the vehicle during its deployment lifetime. An effective scheme will identify potential safety hazards prior to any harm arising.

the supplier will develop, for consideration by the authority, proposals for an in-use monitoring scheme to ensure continued safety of a highly-automated vehicle during its deployment.

II.2.5) Award criteria

Price

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

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

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

IV.2.1) Previous publication concerning this procedure

Notice number: [2021/S 000-003642](#)

IV.2.9) Information about termination of call for competition in the form of a prior information notice

The contracting authority will not award any further contracts based on the above prior information notice

Section V. Award of contract

Contract No

TETI0042

Lot No

1

Title

Work package 1- Pre-deployment safety of the ADS

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

24 May 2021

V.2.2) Information about tenders

Number of tenders received: 5

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Horiba MIRA Ltd

Nuneaton

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Total value of the contract/lot: £425,213

Section V. Award of contract

Contract No

TETI0042

Lot No

2

Title

Work Package 2: Defining a codified behavioural ruleset

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

7 June 2021

V.2.2) Information about tenders

Number of tenders received: 3

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

University of Warwick

Coventry

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Total value of the contract/lot: £190,000

Section V. Award of contract

Contract No

TETI0042

Lot No

3

Title

Work Package 3: Scenario selection, coverage and database population

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

7 June 2021

V.2.2) Information about tenders

Number of tenders received: 4

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

University of Warwick

Coventry

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Total value of the contract/lot: £182,650

Section V. Award of contract

Contract No

TETI0042

Lot No

4

Title

Work package 4: Non-ADS vehicle requirements

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

7 June 2021

V.2.2) Information about tenders

Number of tenders received: 5

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

TRL Limited

Wokingham

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Total value of the contract/lot: £260,000

Section V. Award of contract

Contract No

TETI0042

Lot No

5

Title

Work package 5: In-use safety monitoring of the ADS

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

7 June 2021

V.2.2) Information about tenders

Number of tenders received: 3

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

TRL Limited

Wokingham

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Total value of the contract/lot: £230,000

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Department for Transport

London

Country

United Kingdom