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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](mailto: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

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### **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/quadracycles);
- 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

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## **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

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## **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

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**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

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## **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

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**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

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### **Section VI. Complementary information**

#### **VI.4) Procedures for review**

##### **VI.4.1) Review body**

Department for Transport

London

Country

United Kingdom