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Tender

## **Detection, Identification and Monitoring (DIM) Equipment Uplift**

Merseyside Fire & Rescue Authority

F02: Contract notice

Notice identifier: 2022/S 000-022223

Procurement identifier (OCID): ocds-h6vhtk-030c68

Published 11 August 2022, 6:48pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

Merseyside Fire & Rescue Authority

MFRS Headquarters, Bridle Road, Bootle

Liverpool

L30 4YD

#### **Email**

[procurementmfrs@merseyfire.gov.uk](mailto:procurementmfrs@merseyfire.gov.uk)

#### **Telephone**

+44 1512964000

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

**Internet address(es)**

Main address

<https://www.merseyfire.gov.uk/>

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://procontract.duenorth.com/Opportunities/Index?p=e0cc5631-4690-e511-80fb-000c29c9ba21&v=2>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://procontract.duenorth.com/Opportunities/Index?p=e0cc5631-4690-e511-80fb-000c29c9ba21&v=2>

**I.4) Type of the contracting authority**

Regional or local authority

**I.5) Main activity**

Other activity

Fire and Rescue Service

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Detection, Identification and Monitoring (DIM) Equipment Uplift

Reference number

MFRS 2223-02

#### **II.1.2) Main CPV code**

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

Merseyside FRS wishes to establish a framework agreement for the purchase of Detection, Identification and Monitoring equipment for the Chemical, Biological, Radiological and Nuclear capability. The equipment is intended for use when National Resilience teams respond to incidents that could involve the release of chemical, biological or radiological substances. There are some 18 such teams to be re-equipped with new devices as well as a possible requirement for dedicated devices for training. The framework agreement has been made available to the other 'Blue Light Service' i.e. all other UK FRSs, Police Forces and Ambulance Services.

The suite of devices will utilise a variety of technologies to allow the greatest number of 'target materials' to be detected and identified. Having a variety of technologies will allow potential complementary identification of the target materials and so reduce gaps in capability.

The competitive exercise has been divided into discrete 'lots', based on the likely individual technologies. Although it is envisaged that there will be a single supplier appointed for each lot, a device that delivers more than one technology type may be entered into any lot for which it can be used.

Tenders from suitably experienced suppliers having relevant expertise in detection, identification and monitoring in Chemical, Biological and Radiological disciplines are welcome.

### **II.1.6) Information about lots**

This contract is divided into lots: Yes

Tenders may be submitted for maximum number of lots  
10

## **II.2) Description**

### **II.2.1) Title**

Device to Identify solid and liquid chemicals materials, using infra-red spectroscopy

Lot No

1

### **II.2.2) Additional CPV code(s)**

- 33114000 - Spectroscopy devices

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

Device to identify solid and liquid chemical materials, using infra-red spectroscopy.

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £1,800,000

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

48

This contract is subject to renewal

No

#### **II.2.10) Information about variants**

Variants will be accepted: No

#### **II.2.11) Information about options**

Options: No

#### **II.2.12) Information about electronic catalogues**

Tenders must be presented in the form of electronic catalogues or include an electronic catalogue

#### **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**

For a device to identify gas and vapour chemical materials, using mass spectroscopy

Lot No

2

#### **II.2.2) Additional CPV code(s)**

- 38430000 - Detection and analysis apparatus

#### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

#### **II.2.4) Description of the procurement**

For a device to identify gas and vapour chemical materials, using mass spectroscopy

#### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6) Estimated value**

Value excluding VAT: £6,000,000

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

48

This contract is subject to renewal

No

#### **II.2.10) Information about variants**

Variants will be accepted: No

#### **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**

Device to identify gas and vapour chemical materials, using flame photometry.

Lot No

3

#### **II.2.2) Additional CPV code(s)**

- 38430000 - Detection and analysis apparatus

#### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

#### **II.2.4) Description of the procurement**

Device to identify gas and vapour chemical materials, using flame photometry.

#### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6) Estimated value**

Value excluding VAT: £1,200,000

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

48

This contract is subject to renewal

No

#### **II.2.10) Information about variants**

Variants will be accepted: No

#### **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**

Device to identify solid and liquid chemical materials, using raman spectroscopy.

Lot No

4

**II.2.2) Additional CPV code(s)**

- 33114000 - Spectroscopy devices
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

**II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

**II.2.4) Description of the procurement**

Device to identify solid and liquid chemical materials, using raman spectroscopy.

**II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

**II.2.6) Estimated value**

Value excluding VAT: £2,400,000

**II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

48

This contract is subject to renewal

No

**II.2.10) Information about variants**

Variants will be accepted: No

**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**

For a device to identify biological materials, using polymerase chain reaction (PCR)

Lot No

5

### **II.2.2) Additional CPV code(s)**

- 35113200 - Nuclear, biological, chemical and radiological protection equipment

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

For a device to identify biological materials, using polymerase chain reaction (PCR)

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £2,400,000

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

48

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: No

### **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**

For a device to detect emitted gamma and neutron radiation

Lot No

6

### **II.2.2) Additional CPV code(s)**

- 35113200 - Nuclear, biological, chemical and radiological protection equipment

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

For a device to detect emitted gamma and neutron radiation

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £48,000

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

48

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: No

### **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**

For a device to detect emitted alpha radiation

Lot No

7

### **II.2.2) Additional CPV code(s)**

- 35113200 - Nuclear, biological, chemical and radiological protection equipment

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

For a device to detect emitted alpha radiation

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £48,000

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

48

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: No

### **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**

For a device to detect emitted beta radiation

Lot No

8

### **II.2.2) Additional CPV code(s)**

- 35113200 - Nuclear, biological, chemical and radiological protection equipment

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

For a device to detect emitted beta radiation

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £48,000

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

48

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: No

### **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**

For a device to identify gamma emitting radiological isotopes

Lot No

9

**II.2.2) Additional CPV code(s)**

- 35113200 - Nuclear, biological, chemical and radiological protection equipment

**II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

**II.2.4) Description of the procurement**

For a device to identify gamma emitting radiological isotopes

**II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

**II.2.6) Estimated value**

Value excluding VAT: £48,000

**II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

48

This contract is subject to renewal

No

**II.2.10) Information about variants**

Variants will be accepted: No

**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**

For a device to identify solid, liquid, gas or vapour chemical materials using any other innovative technology not listed in any other lot (not including devices that utilise photoionisation detection, radiation dosimetry, colorimetry, lateral flow assay, wet chemistry, ion mobility spectroscopy, monitors for flammable/toxic/irrespirable atmospheres).

Lot No

10

### **II.2.2) Additional CPV code(s)**

- 38900000 - Miscellaneous evaluation or testing instruments

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

Innovative Device

Lot 10: For a device to identify solid, liquid, gas or vapour chemical materials using any other innovative technology not listed in any other lot (not including devices that utilise photoionisation detection, radiation dosimetry, colorimetry, lateral flow assay, wet chemistry, ion mobility spectroscopy, monitors for flammable/toxic/irrespirable atmospheres).

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £2,000,000

**II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

48

This contract is subject to renewal

No

**II.2.10) Information about variants**

Variants will be accepted: No

**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.1.3) Information about a framework agreement or a dynamic purchasing system**

The procurement involves the establishment of a framework agreement

Framework agreement with several operators

Envisaged maximum number of participants to the framework agreement: 10

In the case of framework agreements, provide justification for any duration exceeding 4 years:



#### **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: [2022/S 000-010983](#)

##### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

5 October 2022

Local time

1:00pm

##### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

##### **IV.2.7) Conditions for opening of tenders**

Date

5 October 2022

Local time

1:00pm

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## **Section VI. Complementary information**

#### **VI.1) Information about recurrence**

This is a recurrent procurement: No

#### **VI.3) Additional information**

The framework agreement will be available when concluded to all 'Blue Light Services' operating in the UK.

The framework agreement when concluded can be used by all UK Fire and Rescue Services as listed in <https://www.nationalfirechiefs.org.uk/Fire-and-Rescue-Services>

The framework agreement when concluded can be used by all UK Police Forces as listed in <https://www.police.uk/pu/contact-the-police/uk-police-forces>

The framework agreement when concluded can be used by all UK Ambulance Services as named below:

East Midlands Ambulance Service NHS Trust

London Ambulance Service NHS Trust

North East Ambulance Service NHS Foundation Trust

South East Coast Ambulance Service NHS Trust

South Western Ambulance Service NHS Foundation Trust

Yorkshire Ambulance Service NHS Trust

Scottish Ambulance Service

Northern Ireland Ambulance Service Health and Social Care Trust

North West Ambulance Service NHS Trust

Welsh Ambulance Service

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

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

Merseyside Fire & Rescue Authority

Bootle

Country

United Kingdom