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Contract

## **Provision of Pulmonary Function Testing**

Ministry of Defence

F03: Contract award notice

Notice identifier: 2023/S 000-002657

Procurement identifier (OCID): ocds-h6vhtk-02ff05

Published 27 January 2023, 3:39pm

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

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

Ministry of Defence

DMS Whittington

Lichfield

WS14 9PY

#### **Contact**

Kelvin Edwards

#### **Email**

[kelvin.edwards109@mod.gov.uk](mailto:kelvin.edwards109@mod.gov.uk)

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

**Internet address(es)**

Main address

[www.contracts.mod.uk](http://www.contracts.mod.uk)

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

Ministry or any other national or federal authority

**I.5) Main activity**

Defence

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**Section II: Object**

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

**II.1.1) Title**

Provision of Pulmonary Function Testing

Reference number

702376450

**II.1.2) Main CPV code**

- 85121232 - Pulmonary specialists services

**II.1.3) Type of contract**

Services

**II.1.4) Short description**

In order to maintain the maximum number of Operationally effective Military divers , the Authority is required to provide Pulmonary Function Testing (PFT). This test, when required, is used to inform decision-making regarding fitness to undertake diving training and maintaining / returning Military divers to full diving fitness.

**II.1.6) Information about lots**

This contract is divided into lots: No

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

Value excluding VAT: £485,375

#### **II.2) Description**

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

NUTS codes

- UK - United Kingdom

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

An outline of the standard testing for divers includes, as a minimum but not limited to, the following:

- a. Medical history questionnaire;
- b. Targeted physical examination where applicable;
- c. Flow volume loop;
- d. Plethysmography
- e. Gas transfer;
- f. Exercise spirometry;
- g. ?2 agonist reversibility.

The current Association of Respiratory Technicians and Physiologists (ARTP) standards for the testing should be used wherever possible. For aspects of testing not covered by the ARTP standards, current best practice should be followed.

An outline of the standard measurements include as a minimum, but not limited to:

- a. Dynamic lung volume measurement to include: Forced Expiratory Volume in 1 second (FEV 1), Forced Vital Capacity (FVC) and FEV1/FVC ratio ) IAW ARTP standards and using a spirometer that complies with ATS/ERS 2005, has both volume/time and flow/volume curves and a large enough printout to assess the quality of the blow.
- b. Dynamic lung volumes using body plethysmography (constant volume box) producing

Flow Volume Loop (FVL). This should include subdivisions of the expiratory curve from the FVL, both numerically and with a visual trace. The inspiratory portion of the FVL should also be measured. Other measurements to include FVC, FEV1, Peak Expiratory Flow (PEF) and Forced Expiratory Flow (FEF) (25% 50% 75% and 25-75%) IAW ARTP standards.

c. Diffusing Capacity of the Lungs for Carbon Monoxide (DLCO) IAW ARTP standards.

d. Static lung volumes using body plethysmography including: Total Lung Capacity (TLC), Residual Volume (RV), Functional Residual Capacity (FRC), Vital Capacity (VC). Additionally, a comparison of TLC by plethysmography with the accessible volume from a Gas Transfer (GT) manoeuvre to give an indication of any sequestered intra-thoracic gas not in rapid communication with the exterior through the bronchial tree.

e. FEV1 and PEFR both immediately, and after a period of 10 minutes, following 8 minutes exercise on a static bicycle (maximal effort) breathing dry diving gas.

f. Spirometry post 5 milligram nebulised salbutamol (FEV1 and PEF Rate).

It is anticipated there shall be up to 77 PFT tests per annum to be undertaken within 6 weeks of referral.

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

Price

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

Options: Yes

Description of options

The Authority reserves the right to extend the framework agreement for a period of up to 24 months after the initial 5 year Contract period.

### **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

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

The procurement is covered by the Government Procurement Agreement: No

### **IV.2) Administrative information**

#### **IV.2.1) Previous publication concerning this procedure**

Notice number: [2022/S 000-015878](#)

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## **Section V. Award of contract**

### **Contract No**

702376450

### **Title**

Provision of Pulmonary Function Testing

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

20 January 2023

#### **V.2.2) Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received from tenderers from other EU Member States: 1

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 1

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

**V.2.3) Name and address of the contractor**

University Hospital Southampton NHS Foundation Trust

Tremona Road

Southampton

SO16 6YD

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: £485,375

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## **Section VI. Complementary information**

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

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

DMS Whittington

Lichfield

WS14 9PY

Country

United Kingdom