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Award

## **Stereotactic navigation system**

Cambridge University Hospitals NHS Foundation Trust

F15: Voluntary ex ante transparency notice

Notice identifier: 2022/S 000-031449

Procurement identifier (OCID): ocds-h6vhtk-037fbe

Published 7 November 2022, 3:21pm

### **Section I: Contracting authority/entity**

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

Cambridge University Hospitals NHS Foundation Trust

Hills Rd

Cambridge

CB2 0QQ

#### **Contact**

Kevin Macey

#### **Email**

[kevin.macey@addenbrookes.nhs.uk](mailto:kevin.macey@addenbrookes.nhs.uk)

#### **Telephone**

+44 1223274304

#### **Country**

United Kingdom

**Region code**

UKH12 - Cambridgeshire CC

**Internet address(es)**

Main address

[cuh.nhs.uk, www.cuh.nhs.uk](http://cuh.nhs.uk, www.cuh.nhs.uk)

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

Body governed by public law

**I.5) Main activity**

Health

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**Section II: Object**

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

**II.1.1) Title**

Stereotactic navigation system

**II.1.2) Main CPV code**

- 33110000 - Imaging equipment for medical, dental and veterinary use

**II.1.3) Type of contract**

Supplies

**II.1.4) Short description**

Stereotactic navigation system with relevant accessories to facilitate planning, conduction, and validation of CT-guided percutaneous ablations.

**II.1.6) Information about lots**

This contract is divided into lots: No

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

Lowest offer: £200,000 / Highest offer: £200,000 taken into consideration

## **II.2) Description**

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

NUTS codes

- UKH12 - Cambridgeshire CC

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

The purchase of a Decision Support and Guidance System for Percutaneous Ablations. This is a single system complete with relevant accessories to facilitate planning, conduction, and validation of CT-guided percutaneous ablations by providing the following capabilities:

- Software assisted ablation treatment planning: Tumour targets and surrounding safety margins can be identified and visualized in CT and /or MRI images, applicator trajectories can be planned in 2D and 3D, and desired ablation volumes can be simulated.
- Navigation based applicator placement: Applicators (ablation needles) can be safely and accurately placed to the target location with respect to the previously defined trajectory.
- Software assisted verification of applicator position: By fusing pre- and peri-operative images, the effective applicator position (in-situ) can be measured and subsequently verified relative to the planned trajectory. If required, treatment and ablation parameters can be adjusted to the actual situation.
- Software assisted validation of treatment: Fusion of pre- and postoperative CT images allows for validation of the effective ablation volume relative to the originally planned volume and assists in the decision making towards immediate re-treatment.

The system must provide the following essential functionalities:

- Import, display and processing of CT and MRI images
- Fusion of CT and MRI images to enable treatment of invisible lesions
- Trajectory planning for single and multiple applicators
- Software assisted treatment planning including

- o Automatic identification of tumour volume
- o User assisted selection of safety margin
- o Database with performance parameters of applicators used in clinic
- o Simulation of expected ablation volumes as function of time and energy
- Guided applicator alignment and insertion using a semi-robotic arm
- Automatic assessment of effective applicator position relative to plan,
- Update of treatment plan
- Automatic assessment of effective ablation volume relative to treatment plan

#### **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**

Negotiated without a prior call for competition

- The products involved are manufactured purely for the purpose of research, experiment, study or development
- The works, supplies or services can be provided only by a particular economic operator for the following reason:
  - absence of competition for technical reasons

Explanation:

The Trust believes that only this particular system from Cascination AG (CAS–One IR system) contains all essential functionalities. Moreover, only this system has proven technical safety and clinical benefits for performing percutaneous tumour ablations based on a significant number of scientific publications (>30) and in more than 600 patients.

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

The procurement is covered by the Government Procurement Agreement: No

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

### **Contract No**

ADD/PU/KM/22/31

A contract/lot is awarded: Yes

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

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

7 November 2022

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

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

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

Cascination AG

Steigerhubelstrasse 3

Bern

CH-3008

Telephone

+41 313062678

Country

Switzerland

NUTS code

- CH021 - Bern

Internet address

[www.cascination.com](http://www.cascination.com)

The contractor/concessionaire is an SME

No

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

Total value of the contract/lot/concession: £200,000

**V.2.5) Information about subcontracting**

The contract/lot/concession is likely to be subcontracted

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## **Section VI. Complementary information**

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

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

Cambridge Unibersity Hospitals NHS Foundation Trust

Hills Road

Cambridge

Cb2 0QQ

Country

United Kingdom