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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

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Section I: Contracting authority/entity

I.1) Name and addresses

Cambridge University Hospitals NHS Foundation Trust

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Cambridge

CB2 0QQ

Contact

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Country

United Kingdom

Region code

UKH12 - Cambridgeshire CC

Internet address(es)

Main address

cuh.nhs.uk, www.cuh.nhs.uk

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Health

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

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

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

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

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Cambridge Unibersity Hospitals NHS Foundation Trust

Hills Road

Cambridge

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Country

United Kingdom