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Contract

Artificial Intelligence (AI) Stroke Imaging System

NHS Wales Shared Services Partnership

F03: Contract award notice

Notice identifier: 2024/S 000-020669

Procurement identifier (OCID): ocids-h6vhtk-02918b

Published 5 July 2024, 4:18pm

Section I: Contracting authority

I.1) Name and addresses

NHS Wales Shared Services Partnership

Cardiff and Vale University Local Health Board, Woodlands House, Maes-Y-Coed Road

Cardiff

CF14 4HH

Contact

Emma Lane

Email

emma.lane@wales.nhs.uk

Telephone

+44 02921501375

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

<http://nwssp.nhs.wales/ourservices/procurement-services/>

Buyer's address

https://www.sell2wales.gov.wales/search/Search_AuthProfile.aspx?ID=AA0221

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

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

Artificial Intelligence (AI) Stroke Imaging System

II.1.2) Main CPV code

- 72222300 - Information technology services

II.1.3) Type of contract

Services

II.1.4) Short description

The NHS Wales Shared Services Partnership, hosted by Velindre NHS Trust are acting on behalf of Cardiff and Vale University Local Health Board who were seeking to establish a contract for Artificial Intelligence (AI) Stroke Imaging System for NHS Wales.

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: £300,000

II.2) Description

II.2.2) Additional CPV code(s)

- 72222300 - Information technology services

II.2.3) Place of performance

NUTS codes

- UKL22 - Cardiff and Vale of Glamorgan

II.2.4) Description of the procurement

The Health Board are leading on a Procurement for Artificial Intelligence (AI) Stroke Imaging for NHS Wales.

In the UK, most stroke patients present to Primary Stroke Centres (PSC) where intravenous thrombolysis can be delivered, provided patients are identified and the physicians are able to administer therapy. However, there can be a lack of specialist neuroradiology or clinical expertise to aid physicians in the interpretation of acute stroke scans and the time-critical management decisions of these patients. There is a need to support physicians to make decisions about both intravenous thrombolysis and mechanical thrombectomy. Effective determination of stroke diagnosis can be challenging clinically, but positive identification of ischemia on imaging is associated with improved treatment decisions and patient flow.

At PSCs imaging is frequently limited to non-contrast CT scanning alone, or at most with the addition of CT angiography (CTA), and without ready access to MRI or CTP, further challenging appropriate patient selection. A key challenge for the NHS healthcare system is to identify patients who will benefit from thrombectomy without transferring excessive numbers of unsuitable patients to the CSC, consuming unnecessary and costly clinical resources, and overwhelming the capacity of these specialist services.

Once patients at PSCs are screened for transfer to a CSC, both imaging and clinical information then needs to be transferred to the CSC at the time that a referral takes place to make the final decision. While clinical data can usually be communicated by telephone, imaging data necessarily requires a computer-based solution.

Therefore, the Health Board is seeking a purchase of an AI stroke imaging system with support services over a three to five year period.

II.2.5) Award criteria

Quality criterion - Name: Qualitative / Weighting: 70

Cost criterion - Name: Commercial / Weighting: 30

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

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 000-002596](#)

Section V. Award of contract

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

27 September 2022

V.2.2) Information about tenders

Number of tenders received: 5

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 5

Number of tenders received by electronic means: 5

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

V.2.3) Name and address of the contractor

Brainomix Limited

Suites 11-14, Suffolk House, 263 Banbury Road

Oxford

OX27HN

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: £300,000

Section VI. Complementary information

VI.3) Additional information

(WA Ref:142800)

VI.4) Procedures for review

VI.4.1) Review body

High Court Royal Courts of Justice

The Strand

London

WC2A 2LL

Country

United Kingdom