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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](mailto: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](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

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## **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

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## **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](#)

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## **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

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## **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