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Award

## **Expansion to the current Islion Storage System at Redwood Data Centre Cardiff**

NHS Wales Shared Services Partnership-Procurement Services (hosted by Velindre University NHS Trust)

F15: Voluntary ex ante transparency notice

Notice identifier: 2022/S 000-000674

Procurement identifier (OCID): ocds-h6vhtk-03093a

Published 10 January 2022, 4:54pm

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

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

NHS Wales Shared Services Partnership-Procurement Services (hosted by Velindre University NHS Trust)

Procurement Department, Cardiff and Vale University Local Health Board, Brecknock House, 8th Floor, University Hospital of Wales, Heath Park

Cardiff

CF14 4XW

#### **Email**

[amy.slocombe@wales.nhs.uk](mailto:amy.slocombe@wales.nhs.uk)

#### **Telephone**

+44 2920746577

#### **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.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**

Expansion to the current Islion Storage System at Redwood Data Centre Cardiff

#### **II.1.2) Main CPV code**

- 72317000 - Data storage services

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

NHS Wales Shared Services Partnership, on behalf of Cardiff and Vale University Health Board All Wales Medical Genomics Service, wishes to announce that it intends to award Advance Research Computing @ Cardiff (ARCCA) a 12-month contract for the expansion to the current Islion Storage System at Redwood Data Centre Cardiff. The value of the contract will be GBP 556,239.00 including VAT.

#### **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: £463,532.50

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

#### **II.2.2) Additional CPV code(s)**

- 72317000 - Data storage services

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

NUTS codes

- UKL22 - Cardiff and Vale of Glamorgan

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

Cardiff & Vale University Health Boards All Wales Medical Genomics Service (AWMGS) historically faced challenges with the implementation and management of high performance computing (HPC) resources, big data storage and analysis, and the volume of computational and storage resources required. Because of this AWMGS were not able to analyse and store the data generated by their next generation sequencing (NGS).

As a result, the WREN system was designed specifically for the All Wales Medical Genomics Service. WREN is hosted and operated by ARCCA technical experts to support AWMGS bioinformaticians in the delivery of nationwide clinical services to detect genetic alterations which inform a personalised diagnostics prognostic and therapeutic decisions.

The data produced from the WREN system is stored at Redwood Data Centre Cardiff. AWMGS regularly assesses the capacity and connectivity of the Data Centre with ARCCA to ensure that it has sufficient connection speed and storage capacity to support the service.

The All Wales Medical Genomics Service is now increasing sequencing capacity by procuring additional sequencers which are critical to meet the demand to expand the Welsh Health Specialist Service Committee (WHSCC) commissioned in-house testing at the pace required to deliver equitable testing for Welsh patients in comparison to other regions within the UK. By procuring additional sequencers the data storage requirement has increased and we are now finding that the Redwood Data Centre can offer additional storage capacity to support the Genomics service.

Based on this information the service needs to procure additional storage for the next 12 months urgently in order to be able to manage the sequencing data that is produced from the additional testing. A decision has been made to award ARCCA a contract for the additional hosting and support services up to a maximum value of GBP 556,239.00 including VAT.

#### **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**

Award of a contract without prior publication of a call for competition in the cases listed below

- The procurement falls outside the scope of application of the regulations

Explanation:

If the service does not have additional storage urgently it will compromise patient care and put the service at risk of a critical failure as the service will be unable to record data produced from sequencing.

This is an interim 12 month solution to account for the unforeseen increase in demand on the service with the anticipation that alternative solutions will be explored in the coming years.

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

The procurement is covered by the Government Procurement Agreement: Yes

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

### **Contract No**

CAV-DCO (21-22) 155

A contract/lot is awarded: Yes

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

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

10 January 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**

Advanced Research Computing @ CARDIFF UNIVERSITY

Redwood Building Kind Edward VII Avenue

Cardiff

CF10 3NB

Telephone

+44 2920875581

Country

United Kingdom

NUTS code

- UKL22 - Cardiff and Vale of Glamorgan

The contractor/concessionaire is an SME

No

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

Initial estimated total value of the contract/lot/concession: £463,532.50

Total value of the contract/lot/concession: £463,532.50

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## **Section VI. Complementary information**

### **VI.3) Additional information**

(WA Ref:117349)

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

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

High Court

Royal Courts of Justice, The Strand

London

WC2A 2LL

Telephone

+44 2079477501

Country

United Kingdom