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Contract

## **1808 Risk Stratification Algorithms Tool for NHS AGEM CSU**

NHS Arden and GEM CSU

F03: Contract award notice

Notice identifier: 2024/S 000-038164

Procurement identifier (OCID): ocds-h6vhtk-0458e8

Published 26 November 2024, 1:55pm

### **Section I: Contracting authority**

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

NHS Arden and GEM CSU

St John's House, East Street

Leicester

LE1 6NB

#### **Contact**

Mark Didcock

#### **Email**

[mark.didcock@nhs.net](mailto:mark.didcock@nhs.net)

#### **Country**

United Kingdom

#### **Region code**

UKF2 - Leicestershire, Rutland and Northamptonshire

**Internet address(es)**

Main address

<https://www.ardengemcsu.nhs.uk/>

Buyer's address

<https://www.ardengemcsu.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**

1808 Risk Stratification Algorithms Tool for NHS AGEM CSU

Reference number

C321747

**II.1.2) Main CPV code**

- 72212517 - IT software development services

**II.1.3) Type of contract**

Services

**II.1.4) Short description**

NHS Arden & GEM CSU sought competitive offers for the supply, installation, support, and maintenance of Risk Stratification Algorithms within a Tool able to cover a population

of 3.3 million patients.

The Risk Stratification Algorithms/Tool must meet the following key requirements:

Have a proven evidence base and be rigorously tested using standardised statistical metrics and support repeatable results from the same data set.

Be continually updated and supported to reflect changes in clinical practice and patient behaviour.

The tool should have had experience of operating in the NHS and with associated NHS data flows or equivalent.

Must be predicated on clinical evidence including a combination of prescription, diagnosis, and event data rather than purely historical financial spend in secondary care.

Be able to utilise, as a minimum, acute, and primary care data records as a basis for its stratification

Use multiple years of data to support a longitudinal record which can be updated on an automated basis by AGCSU.

#### **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: £188,400

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

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

- 72212517 - IT software development services

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

NUTS codes

- UKF1 - Derbyshire and Nottinghamshire

Main site or place of performance

NHS Arden & Greater East Midlands Commissioning Support Unit

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

NHS Arden & GEM CSU sought competitive offers for the supply, installation, support, and maintenance of Risk Stratification Algorithms within a Tool able to cover a population of 3.3 million patients.

The Risk Stratification Algorithms/Tool must meet the following key requirements:

Have a proven evidence base and be rigorously tested using standardised statistical metrics and support repeatable results from the same data set.

Be continually updated and supported to reflect changes in clinical practice and patient behaviour.

The tool should have had experience of operating in the NHS and with associated NHS data flows or equivalent.

Must be predicated on clinical evidence including a combination of prescription, diagnosis, and event data rather than purely historical financial spend in secondary care.

Be able to utilise, as a minimum, acute, and primary care data records as a basis for its stratification

Use multiple years of data to support a longitudinal record which can be updated on an automated basis by AGCSU.

The Risk Stratification Tool must have a range of predictive models with ability to include as a minimum:

Current and predicted costs.

Predicted resource utilisation.

Risk of hospitalisation.

The algorithms within the tool must be able to factor in sufficient historical data to enable the clinical evidence-base of the tool, including historical diagnosis of long-term conditions and support and provide disease profiling. It should capture the multidimensional nature of an individual's health.

The Risk Stratification algorithms must be able to be housed and run within the AGCSU data management environment to maintain our data controls and governance and allow it to be augmented by other data elements managed by the customer. All outputs of the tool must be programmatically readable, must output validation to measure success of the processing and use a server-based technology not a desktop to enable flexible and secure working.

### **II.2.5) Award criteria**

Price

### **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**

Competitive procedure with negotiation

#### **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: [2024/S 000-015058](#)

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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**

15 November 2024

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

Number of tenders received: 1

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

#### **V.2.3) Name and address of the contractor**

Johns Hopkins HealthCare LLC

7231 Parkway Drive, Suite 100

Hanover, Maryland

21076

Country

United States

NUTS code

- US - United States

The contractor is an SME

No

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

Initial estimated total value of the contract/lot: £188,400

Total value of the contract/lot: £188,400

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## **Section VI. Complementary information**

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

This service has been awarded using Regulation 32(2)(a) of the negotiated procedure without prior publication, in line with the PCR15 Regulations; following a non-award of contract ref: (2024/S 000-015058).

The successful provider did not meet the advertised Social Value requirement of the initial process advertised and following clarification and assurance from the provider of their ability, has been awarded the contract under Regulation 32.

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

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

The High Court

The Strand

London

WC2A 2LL

Country

United Kingdom

Internet address

<https://www.judiciary.uk/courts-and-tribunals/high-court/>