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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

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

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

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

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/