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Contract

Artificial Intelligence Software for NHS Scotland Radiology Imaging – Dynamic Purchasing System

The Common Services Agency (more commonly known as NHS National Services Scotland) ("NSS")

F03: Contract award notice

Notice identifier: 2022/S 000-020437

Procurement identifier (OCID): ocds-h6vhtk-030f9f

Published 27 July 2022, 10:37am

Section I: Contracting authority

I.1) Name and addresses

The Common Services Agency (more commonly known as NHS National Services Scotland) ("NSS")

Gyle Square (NSS Head Office), 1 South Gyle Crescent

Edinburgh

EH12 9EB

Contact

Jim Binnie

Email

jim.binnie@nhs.scot

Country

United Kingdom

NUTS code

UKM - Scotland

National registration number

NP6041

Internet address(es)

Main address

http://www.nss.nhs.scot/browse/procurement-and-logistics

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA11883

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 Software for NHS Scotland Radiology Imaging – Dynamic Purchasing System

Reference number

NP6041

II.1.2) Main CPV code

- 72000000 - IT services: consulting, software development, Internet and support

II.1.3) Type of contract

Services

II.1.4) Short description

The development of Artificial Intelligence decision support systems presents the NHS in Scotland with a unique opportunity to improve service provision, particularly in Radiology. Recent advances have now brought these software systems to a point where they now represent a cost-effective way of increasing diagnostic accuracy, improving efficiency, and helping ease pressures on demand.

Recent trialling of this software in the acute clinical setting has demonstrated the potential value of many of these systems across a variety of Radiology sub-specialities including stroke imaging, chest x-ray reporting and mammography, amongst others.

In order to gain maximum benefit from these advances, the NHS must learn how to incorporate these systems into current everyday practice, while maintaining service agreements which give us the versatility to respond to what is a very exciting and rapidly evolving AI decision support system market.

To support this ambition the intention is to set up a Dynamic Purchasing System (DPS) which will put in place suppliers who are able to support the delivery of these ambitions.

II.1.6) Information about lots

This contract is divided into lots: Yes

II.2) Description

II.2.1) Title

Neuro AI Software

Lot No

1

II.2.2) Additional CPV code(s)

- 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

- UKM - Scotland

Main site or place of performance

Scotland

II.2.4) Description of the procurement

Artificial Intelligence Software in the following Neuro areas:

- Thrombectomy/stroke

- Lesion Detection

- Any other relevant application

A DPS is being set up to allow NHS Scotland to run mini competitions of qualified products. Call off contracts will be awarded by either NHS National Services Scotland or any of the NHS Scotland Health Boards. The contract will deliver services to entities constituted pursuant to the National Health Service (Scotland) Act 1978 as amended.

II.2.5) Award criteria

Quality criterion - Name: as per procurement docs / Weighting: 100

Price - Weighting: 0

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

II.2) Description

II.2.1) Title

Chest X-Ray AI

Lot No

2

II.2.2) Additional CPV code(s)

- 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

- UKM - Scotland

Main site or place of performance

Scotland

II.2.4) Description of the procurement

Artificial Intelligence Software in the following Chest X-Ray areas:

- Prioritisation

- Diagnostic Support

A DPS is being set up to allow NHS Scotland to run mini competitions of qualified products. Call off contracts will be awarded by either NHS National Services Scotland or any of the NHS Scotland Health Boards. The contract will deliver services to entities constituted pursuant to the National Health Service (Scotland) Act 1978 as amended.

II.2.5) Award criteria

Quality criterion - Name: as per procurement docs / Weighting: 100

Price - Weighting: 0

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

II.2) Description

II.2.1) Title

Magnetic Resonance Imaging (MRI)

Lot No

3

II.2.2) Additional CPV code(s)

- 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

- UKM - Scotland

Main site or place of performance

Scotland

II.2.4) Description of the procurement

Artificial Intelligence Software in the following MRI area:

- Prostrate contouring and lesion localisation

A DPS is being set up to allow NHS Scotland to run mini competitions of qualified products. Call off contracts will be awarded by either NHS National Services Scotland or

any of the NHS Scotland Health Boards. The contract will deliver services to entities constituted pursuant to the National Health Service (Scotland) Act 1978 as amended.

II.2.5) Award criteria

Quality criterion - Name: as per procurement docs / Weighting: 100

Price - Weighting: 0

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

II.2) Description

II.2.1) Title

Computed Tomography (CT)

Lot No

4

II.2.2) Additional CPV code(s)

- 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

- UKM - Scotland

Main site or place of performance

Scotland

II.2.4) Description of the procurement

Artificial Intelligence Software in the following CT areas:

- Lung Nodule identification, characterisation and follow up

- Pulmonary Embolism detection

A DPS is being set up to allow NHS Scotland to run mini competitions of qualified products. Call off contracts will be awarded by either NHS National Services Scotland or any of the NHS Scotland Health Boards. The contract will deliver services to entities constituted pursuant to the National Health Service (Scotland) Act 1978 as amended.

II.2.5) Award criteria

Quality criterion - Name: as per procurement docs / Weighting: 100

Price - Weighting: 0

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

II.2) Description

II.2.1) Title

Oesteoporosis

Lot No

5

II.2.2) Additional CPV code(s)

• 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

• UKM - Scotland

Main site or place of performance

Scotland

II.2.4) Description of the procurement

Artificial Intelligence Software in the following Oesteoporosis area:

- Support in the form of osteoporotic fracture identification and bone mineral density calculation

A DPS is being set up to allow NHS Scotland to run mini competitions of qualified products. Call off contracts will be awarded by either NHS National Services Scotland or any of the NHS Scotland Health Boards. The contract will deliver services to entities constituted pursuant to the National Health Service (Scotland) Act 1978 as amended.

II.2.5) Award criteria

Quality criterion - Name: as per procurement docs / Weighting: 100

Price - Weighting: 0

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

II.2) Description

II.2.1) Title

Mammography

Lot No

6

II.2.2) Additional CPV code(s)

• 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

- UKM - Scotland

Main site or place of performance

Scotland

II.2.4) Description of the procurement

Artificial Intelligence Software in the following Mammography area:

- Diagnostic Support

A DPS is being set up to allow NHS Scotland to run mini competitions of qualified products. Call off contracts will be awarded by either NHS National Services Scotland or any of the NHS Scotland Health Boards. The contract will deliver services to entities constituted pursuant to the National Health Service (Scotland) Act 1978 as amended.

II.2.5) Award criteria

Quality criterion - Name: as per procurement docs / Weighting: 100

Price - Weighting: 0

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

II.2) Description

II.2.1) Title

Radiotherapy

Lot No

7

II.2.2) Additional CPV code(s)

- 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

- UKM - Scotland

Main site or place of performance

Scotland

II.2.4) Description of the procurement

Artificial Intelligence Software in the following Radiotherapy area:

- CT Contouring

A DPS is being set up to allow NHS Scotland to run mini competitions of qualified products. Call off contracts will be awarded by either NHS National Services Scotland or any of the NHS Scotland Health Boards. The contract will deliver services to entities constituted pursuant to the National Health Service (Scotland) Act 1978 as amended.

II.2.5) Award criteria

Quality criterion - Name: as per procurement docs / Weighting: 100

Price - Weighting: 0

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

II.2) Description

II.2.1) Title

Workflow and Scheduling

Lot No

8

II.2.2) Additional CPV code(s)

- 72000000 - IT services: consulting, software development, Internet and support

II.2.3) Place of performance

NUTS codes

- UKM - Scotland

Main site or place of performance

Scotland

II.2.4) Description of the procurement

Artificial Intelligence Software in the following area:

- Workflow and Scheduling

A DPS is being set up to allow NHS Scotland to run mini competitions of qualified products. Call off contracts will be awarded by either NHS National Services Scotland or any of the NHS Scotland Health Boards. The contract will deliver services to entities constituted pursuant to the National Health Service (Scotland) Act 1978 as amended.

II.2.5) Award criteria

Quality criterion - Name: as per procurement docs / Weighting: 100

Price - Weighting: 0

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

Restricted 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: 2022/S 000-002310

Section V. Award of contract

Contract No

NP6041

Lot No

1

Title

Neuro AI Software

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

Other reasons (discontinuation of procedure)

Section V. Award of contract

Contract No

NP6041

Lot No

2

Title

Chest X-Ray AI

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

Other reasons (discontinuation of procedure)

Section V. Award of contract

Contract No

NP6041

Lot No

3

Title

Magnetic Resonance Imaging (MRI)

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

Other reasons (discontinuation of procedure)

Section V. Award of contract

Contract No

NP6041

Lot No

4

Title

Computed Tomography (CT)

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

Other reasons (discontinuation of procedure)

Section V. Award of contract

Contract No

NP6041

Lot No

5

Title

Oesteoporosis

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

Other reasons (discontinuation of procedure)

Section V. Award of contract

Contract No

NP6041

Lot No

6

Title

Mammography

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

Other reasons (discontinuation of procedure)

Section V. Award of contract

Contract No

NP6041

Lot No

7

Title

Radiotherapy

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

Other reasons (discontinuation of procedure)

Section V. Award of contract

Contract No

NP6041

Lot No

8

Title

Workflow and Scheduling

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

Other reasons (discontinuation of procedure)

Section VI. Complementary information

VI.3) Additional information

Bidders must complete the AI SPD document attached to this notice.

Bidders must read the AI SPD Stage Instruction for bidders prior to completing the AI SPD document.

This is the creation of a DPS and will be adding Potential Providers to a Buyers Guide. This process will not be Sub-contracted.

The Contracting Authority does not intend to include any community benefit requirements in this contract for the following reason:

Community benefits may be applied at point of call off through mini-tender for the DPS. As spend is not certain, community benefits

cannot be imposed at the establishment of the DPS.

The contract will deliver services to entities constituted pursuant to the National Health Service (Scotland) Act 1978 as amended.

(SC Ref:701472)

VI.4) Procedures for review

VI.4.1) Review body

Edinburgh Sheriff Court

27 Chambers Street

Edinburgh

EH1 1LB

Country

United Kingdom

VI.4.3) Review procedure

Precise information on deadline(s) for review procedures

The Authority will notify economic operators who submitted a Response or (where no deselection process has previously been made)applied to be selected to DPS, of its decision not to award the DPS Agreement which notification will contain, among other information, a summary of the reasons as to why the economic operator was unsuccessful.