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Tender

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

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

F02: Contract notice

Notice identifier: 2022/S 000-002310

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

Published 26 January 2022, 2:05pm

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.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://www.publiccontractsscotland.gov.uk/>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://www.publiccontractsscotland.gov.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

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.1.5) Estimated total value

Value excluding VAT: £5,000,000

II.1.6) Information about lots

This contract is divided into lots: Yes

Tenders may be submitted for all lots

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

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

48

This contract is subject to renewal

No

II.2.9) Information about the limits on the number of candidates to be invited

Envisaged minimum number: 5

II.2.10) Information about variants

Variants will be accepted: No

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

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

48

This contract is subject to renewal

No

II.2.9) Information about the limits on the number of candidates to be invited

Envisaged minimum number: 5

II.2.10) Information about variants

Variants will be accepted: No

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

Price is not the only award criterion and all criteria are stated only in the procurement

documents

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

48

This contract is subject to renewal

No

II.2.9) Information about the limits on the number of candidates to be invited

Envisaged minimum number: 5

II.2.10) Information about variants

Variants will be accepted: No

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

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

48

This contract is subject to renewal

No

II.2.9) Information about the limits on the number of candidates to be invited

Envisaged minimum number: 5

II.2.10) Information about variants

Variants will be accepted: No

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 Osteoporosis 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

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

48

This contract is subject to renewal

No

II.2.9) Information about the limits on the number of candidates to be invited

Envisaged minimum number: 5

II.2.10) Information about variants

Variants will be accepted: No

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

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

48

This contract is subject to renewal

No

II.2.9) Information about the limits on the number of candidates to be invited

Envisaged minimum number: 5

II.2.10) Information about variants

Variants will be accepted: No

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

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

48

This contract is subject to renewal

No

II.2.9) Information about the limits on the number of candidates to be invited

Envisaged minimum number: 5

II.2.10) Information about variants

Variants will be accepted: No

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

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

48

This contract is subject to renewal

No

II.2.9) Information about the limits on the number of candidates to be invited

Envisaged minimum number: 5

II.2.10) Information about variants

Variants will be accepted: No

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 III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.2) Economic and financial standing

List and brief description of selection criteria

Criteria for getting onto the DPS outlined in the AI SPD Stage Instructions to Bidders document attached to this notice.

III.1.3) Technical and professional ability

List and brief description of selection criteria

Criteria for getting onto the DPS outlined in the AI SPD Stage Instructions to Bidders document attached to this notice.

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Restricted procedure

IV.1.3) Information about a framework agreement or a dynamic purchasing system

The procurement involves the setting up of a dynamic purchasing system

The dynamic purchasing system might be used by additional purchasers

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.2.2) Time limit for receipt of tenders or requests to participate

Date

28 February 2022

Local time

12:00pm

IV.2.3) Estimated date of dispatch of invitations to tender or to participate to selected candidates

1 March 2022

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

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.

NOTE: To register your interest in this notice and obtain any additional information please visit the Public Contracts Scotland Web Site at https://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=678400.

The buyer has indicated that it will accept electronic responses to this notice via the Postbox facility. A user guide is available at https://www.publiccontractsscotland.gov.uk/sitehelp/help_guides.aspx.

Suppliers are advised to allow adequate time for uploading documents and to dispatch the electronic response well in advance of the closing time to avoid any last minute problems.

The Contracting Authority does not intend to include a sub-contract clause as part of community benefits (as per Section 25 of the Procurement Reform (Scotland) Act 2014) in this contract for the following reason:

Will be covered in call off contracts.

Community benefits are included in this requirement. For more information see: <https://www.gov.scot/policies/public-sector-procurement/community-benefits-in-procurement/>

A summary of the expected community benefits has been provided as follows:

Will be included in Mini competition documentation.

(SC Ref:678400)

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.