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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 000-023328

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

Published 22 August 2022, 3:59pm

The closing date and time has been changed to:

**21 September 2022, 12:00pm**

See the [change notice](#).

### **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](mailto: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](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

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## **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 Authority has set up a Dynamic Purchasing System (DPS). This notice allows suppliers not on the DPS to submit an application to get on it.

### **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 maximum number of lots

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## **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 has been set up to allow NHS Scotland to run mini competitions of qualified products. There are seven suppliers in this Lot.

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**

Start date

22 September 2022

End date

26 July 2026

This contract is subject to renewal

No

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

Envisaged number of candidates: 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.2.14) Additional information**

Suppliers wishing to apply to be added to the DPS must complete an SPD attached to this notice and meet the minimum criteria outlined in the additional document also attached.

## **II.2) Description**

### **II.2.1) Title**

Chest XRAY 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 has been set up to allow NHS Scotland to run mini competitions of qualified products. Six suppliers are live on this Lot.

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**

Start date

22 September 2022

End date

26 July 2026

This contract is subject to renewal

No

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

Envisaged number of candidates: 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.2.14) Additional information**

Suppliers wishing to apply to be added to the DPS must complete an SPD attached to this notice and meet the minimum criteria outlined in the additional document also attached.

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

### **II.2.1) Title**

Computed Topography (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 has been set up to allow NHS Scotland to run mini competitions of qualified products. There are seven suppliers on this Lot.

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**

Start date

22 September 2022

End date

26 July 2026

This contract is subject to renewal

No

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

Envisaged number of candidates: 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.2.14) Additional information**

Suppliers wishing to apply to be added to the DPS must complete an SPD attached to this notice and meet the minimum criteria outlined in the additional document also attached.

## **II.2) Description**

### **II.2.1) Title**

Osteoporosis

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 has been set up to allow NHS Scotland to run mini competitions of qualified products. There are three suppliers on this Lot.

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**

Start date

22 September 2022

End date

26 July 2026

This contract is subject to renewal

No

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

Envisaged number of candidates: 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.2.14) Additional information**

Suppliers wishing to apply to be added to the DPS must complete an SPD attached to this notice and meet the minimum criteria outlined in the additional document also attached.

## **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 has been set up to allow NHS Scotland to run mini competitions of qualified products. There is five suppliers on this Lot.

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**

Start date

22 September 2022

End date

26 July 2026

This contract is subject to renewal

No

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

Envisaged number of candidates: 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.2.14) Additional information**

Suppliers wishing to apply to be added to the DPS must complete an SPD attached to this notice and meet the minimum criteria outlined in the additional document also attached.

## **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 has been set up to allow NHS Scotland to run mini competitions of qualified products. There is one supplier on this Lot.

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**

Start date

22 September 2022

End date

26 July 2026

This contract is subject to renewal

No

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

Envisaged number of candidates: 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.2.14) Additional information**

Suppliers wishing to apply to be added to the DPS must complete an SPD attached to this

notice and meet the minimum criteria outlined in the additional document also attached.

## **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 has been set up to allow NHS Scotland to run mini competitions of qualified products. There is four suppliers on this Lot.

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**

Start date

22 September 2022

End date

26 July 2026

This contract is subject to renewal

No

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

Envisaged number of candidates: 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.2.14) Additional information**

Suppliers wishing to apply to be added to the DPS must complete an SPD attached to this notice and meet the minimum criteria outlined in the additional document also attached.

## **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 has been set up to allow NHS Scotland to run mini competitions of qualified products. There are four suppliers on this Lot.

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**

Start date

22 September 2022

End date

26 July 2026

This contract is subject to renewal

No

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

Envisaged number of candidates: 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.2.14) Additional information**

Suppliers wishing to apply to be added to the DPS must complete an SPD attached to this notice and meet the minimum criteria outlined in the additional document also attached.

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## **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.

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## **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.2.1) Previous publication concerning this procedure**

Notice number: [2022/S 000-002310](#)

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

Originally published as:

Date

21 September 2022

Local time

12:00pm

Changed to:

Date

21 September 2022

Local time

12:00pm

See the [change notice](#).

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

21 September 2022

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

English

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

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

Criteria for getting onto the DPS outlined in the AI SPD Stage Instructions to Bidders document attached to this notice. Suppliers applying must complete an SPD document attached to this notice. Any mini competition will be run direct with suppliers on the DPS via the PCS-Tender system.

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=704222](https://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=704222).

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](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 included in Mini competition and call off contract documentation

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:704222)

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

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

Sheriff Court House

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.