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Tender

## **Robotics and Artificial Intelligence (RAI) Dynamic Purchasing System (DPS)**

National Nuclear Laboratory

F02: Contract notice

Notice identifier: 2021/S 000-010662

Procurement identifier (OCID): ocds-h6vhtk-02b117

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

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

National Nuclear Laboratory

National Nuclear Laboratory Limited

Chadwick House, Birchwood Business Park, Warrington, Cheshire

WA3 6AE

#### **Contact**

Gill Hale

#### **Email**

[nnl.procurement@uknnl.com](mailto:nnl.procurement@uknnl.com)

#### **Country**

United Kingdom

#### **NUTS code**

UKD61 - Warrington

**National registration number**

3857752

**Internet address(es)**

Main address

<https://www.gov.uk/government/case-studies/shared-services-alliance-ssa-for-nuclear-decommissioning-estate>

**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://sharedsystems.eu-supply.com/app/rfq/rwlenrance\\_s.asp?PID=13442&B=SELLAFIELD](https://sharedsystems.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=13442&B=SELLAFIELD)

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

[https://sharedsystems.eu-supply.com/app/rfq/rwlenrance\\_s.asp?PID=13442&B=SELLAFIELD](https://sharedsystems.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=13442&B=SELLAFIELD)

Tenders or requests to participate must be submitted to the above-mentioned address

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Other activity

Nuclear Decommissioning

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Robotics and Artificial Intelligence (RAI) Dynamic Purchasing System (DPS)

Reference number

NNLC103D

#### **II.1.2) Main CPV code**

- 73000000 - Research and development services and related consultancy services

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

National Nuclear Laboratory (NNL) intends on establishing a DPS route to market for the service and supply of Robotics and Artificial Intelligence (RAI) requirements across 15 categories.

#### **II.1.5) Estimated total value**

Value excluding VAT: £10,000,000

#### **II.1.6) Information about lots**

This contract is divided into lots: No

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

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

- 09000000 - Petroleum products, fuel, electricity and other sources of energy
- 09300000 - Electricity, heating, solar and nuclear energy
- 30100000 - Office machinery, equipment and supplies except computers, printers and furniture
- 30200000 - Computer equipment and supplies

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting
- 32000000 - Radio, television, communication, telecommunication and related equipment
- 33000000 - Medical equipments, pharmaceuticals and personal care products
- 34000000 - Transport equipment and auxiliary products to transportation
- 35000000 - Security, fire-fighting, police and defence equipment
- 37000000 - Musical instruments, sport goods, games, toys, handicraft, art materials and accessories
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)
- 39000000 - Furniture (incl. office furniture), furnishings, domestic appliances (excl. lighting) and cleaning products
- 42000000 - Industrial machinery
- 43000000 - Machinery for mining, quarrying, construction equipment
- 44000000 - Construction structures and materials; auxiliary products to construction (except electric apparatus)
- 48000000 - Software package and information systems
- 50000000 - Repair and maintenance services
- 71000000 - Architectural, construction, engineering and inspection services
- 72000000 - IT services: consulting, software development, Internet and support
- 73000000 - Research and development services and related consultancy services
- 79300000 - Market and economic research; polling and statistics
- 80000000 - Education and training services
- 90000000 - Sewage, refuse, cleaning and environmental services
- 92000000 - Recreational, cultural and sporting services
- 24000000 - Chemical products
- 22000000 - Printed matter and related products
- 16000000 - Agricultural machinery
- 14000000 - Mining, basic metals and related products
- 60000000 - Transport services (excl. Waste transport)

- 64000000 - Postal and telecommunications services
- 65000000 - Public utilities
- 76000000 - Services related to the oil and gas industry
- 77000000 - Agricultural, forestry, horticultural, aquacultural and apicultural services
- 79000000 - Business services: law, marketing, consulting, recruitment, printing and security

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

NUTS codes

- UK - United Kingdom

Main site or place of performance

Primarily in the UK

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

1. Robot (System) Simulation / Virtual Reality / Augmented Reality – RFT 13063
2. Robot Automated and Autonomous Solutions Providers – RFT 13064
3. Robot Manipulators, robot Arms – RFT 13065
4. Sensors - Characterisation e.g. Specialist Cameras – RFT 13066
5. Robot End Effectors - 13067
6. Lasers and Optics - including Power, Chiller, and Control Systems – RFT 13068
7. Robot System Integrator – RFT 13069
8. Training Providers – RFT 13070
9. AI - Software Developers, EC&I, HMI Interfaces – RFT 13071
10. Mobile Robotics - Ground Based – RFT 13072
11. Mobile Robotics - Water - RFT 13073
12. Mobile Robotics - Air – RFT 13075

13. CE Marking Provision - RFT 13076

14. Generic Robotic In-Cell Furniture – RFT 13077

15. Robot Control – RFT 13078

Suppliers can apply for pre-qualification against one or more categories to gain access to award stage work packages. Please note that pre-qualification remains open and live for the duration of the DPS, therefore a pre-qualification response can be submitted at any time following this publication.

NNL has already built a robotics infrastructure and network and has experience of providing world class research and development outputs, the impact of NNL's research and expert consultancy activities has been recognised across the nuclear industry. This has led to NNL being ideally placed to pioneer the next generation of tools and processes to support RAI.

NNL considers that this opportunity may be suitable for economic operators that are Small or Medium Enterprises (SME's).

Note that the value provided in Section II.1.5) is only an estimate and no guarantee of value or volume of work through the DPS can be offered.

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

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

#### **II.2.6) Estimated value**

Value excluding VAT: £10,000,000

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

Duration in months

24

This contract is subject to renewal

Yes

Description of renewals

The option to extend by 1 + 1 years

#### **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

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### **Section III. Legal, economic, financial and technical information**

#### **III.1) Conditions for participation**

##### **III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions

List and brief description of conditions: Candidates will be assessed on their response to the selection criteria in their request to participate for a place on the

RAI DPS

##### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

##### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

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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

#### **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

12 May 2023

Local time

10:00am

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

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 24 (from the date stated for receipt of tender)

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## **Section VI. Complementary information**

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

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic payment will be used

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

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

National Nuclear Laboratory Limited

Chadwick House, Birchwood Park, Warrington

Cheshire

WA3 6AE

Email

[nnl.procurement@uknnl.com](mailto:nnl.procurement@uknnl.com)

Country

United Kingdom

Internet address

<http://www.nnl.co.uk>

##### **VI.4.2) Body responsible for mediation procedures**

Royal Courts of Justice

Strand

London

London

Country

United Kingdom

Internet address

<http://www.justice.gov.uk>

### **VI.4.3) Review procedure**

Precise information on deadline(s) for review procedures

Precise information on deadline(s) for review procedures:

Any appeals should be promptly brought to the attention of the contact specified in Section I above, and will be dealt with in accordance with the requirements of the Public Contracts Regulations 2015. Any appeals must be brought within the timescales specified by the applicable law, including without limitation, the Public Contracts Regulations 2015. In accordance with the Public Contracts Regulations 2015, the Contracting Authority will also incorporate a minimum 10 calendar day standstill period from the date information on award of contract is communicated to tenderers.

### **VI.4.4) Service from which information about the review procedure may be obtained**

National Nuclear Laboratory Limited

Chadwick House, Birchwood Park, Warrington

Cheshire

WA3 6AE

Email

[nnl.procurement@uknnl.com](mailto:nnl.procurement@uknnl.com)

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